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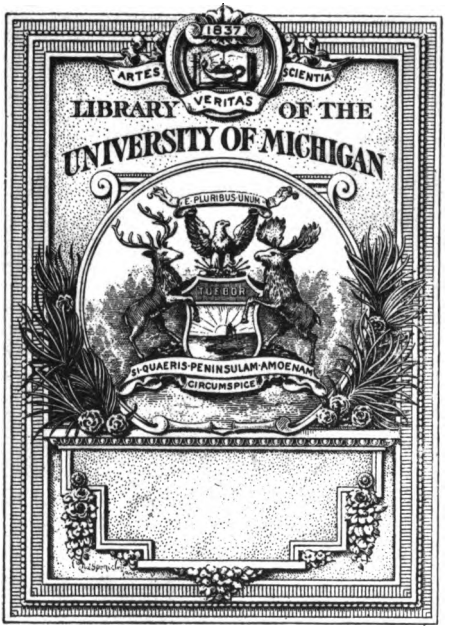


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Munich. Sternwarte.

# Verzeichniss

von 5-4987

# 5563 telescopischen Sternen

## nördlich von +15° und südlich von -15° Declination,

welche in den Münchener Zonen-Beobachtungen vorkommen,
reducirt auf den Anfang des Jahres 1850

nebst

**zwei Nachträgen zu den früheren Stern-Verzeichnissen**

und Vergleichung

mit den

**Beobachtungen von Lalande, Bessel, Rümker und Schjellerup.**

---

Auf öffentliche Kosten herausgegeben

von

**Dr. J. v. Lamont,**

ordentlichem Mitgliede der königlich Bayer. Academie der Wissenschaften, Conservator der königlichen Sternwarte und Professor der Astronomie an der Ludwig-Maximilians-Universität in München, Ritter des Verdienstordens der Bayer. Krone, des Verdienstordens vom heiligen Michael, des päpstlichen Ordens Gregors des Grossen, des k. k. österreichischen Ordens der eisernen Krone, des königl. Schwedischen Nordstern-Ordens, Mitglied des Maximilians-Ordens für Wissenschaft und Kunst, auswärtigem Mitgliede der Royal Society und der astronomischen Societät in London, der Brittischen Association zur Förderung der Wissenschaften, der königl. Böhmischen Gesellschaft der Wissenschaften in Prag, der kaiserlich Leopoldinischen Academie, der königl. Belgischen Academie der Wissenschaften in Brüssel, der königl. Societät der Wissenschaften in Upsala, Ehren-Mitgliede der königl. Societät der Wissenschaften in Edinburg, der naturwissenschaftlichen Societät in Lausanne, der philos. Societät in Cambridge, der Wetterauischen Gesellschaft, der k. k. geographischen Gesellschaft in Wien, der österreichischen Gesellschaft für Meteorologie, Correspondenten der königl. Societät der Wissenschaften in Lüttich, der Société des sciences naturelles in Cherbourg u. s. w.

(XIII. Supplementband zu den Annalen der Münchener Sternwarte.)

**München.**

Druck der F. S. Hübschmann'schen Buchdruckerei (E. Lintner).

1874.

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# Vorrede.

Der gegenwärtige Supplementband reiht sich dem Inhalte nach an die Supplementbände V. VIII. IX. XI. XII. an und bildet einen Abschluss der bisherigen Zonenbeobachtungen in so ferne als es sich in nächster Zeit hauptsächlich darum handeln wird, den Inhalt der bereits erschienenen Publicationen zu vervollständigen und zu berichtigen.

Die Verzeichnisse des gegenwärtigen Bandes enthalten:

| | | | | | |
|---|---|---|---|---|---|
| 1818 | Sterne | von | +15° | bis +21° | Decl. |
| 630 | „ | „ | +21 | bis +27 | „ |
| 1621 | „ | „ | -15 | bis -21 | „ |
| 904 | „ | „ | -21 | bis -27 | „ |
| 591 | „ | „ | -27 | bis -33 | „ |
| 918 | „ | „ | -15 | bis +15 | als Nachtrag |

also im Ganzen 6482 Sterne: dazu kommt noch ein zweiter Nachtrag, worin wiederholte Ortsbestimmungen von 2548 Zonensternen, welche in den bereits gedruckten Verzeichnissen vorkommen, zusammengestellt sind.

Unter den angeführten 6482 Sternen findet man 1530, welche mehr als einmal beobachtet worden sind und 3745 für welche aus früherer Zeit genauere Ortsbestimmungen nicht vorhanden waren.

Die Gesammtzahl der in unseren Zonenstern-Verzeichnissen aufgeführten Sterne beträgt jetzt 34634 und da die ganze Anzahl der Zonenbeobachtungen bis Ende des Jahres 1872 sich auf 81372 beläuft, so trifft auf jeden Stern im Mittel mehr als 2 Beobachtungen oder genauer ausgedrückt, auf je 3 Sterne 7 Beobachtungen.

Ohne auf eine Erörterung der Genauigkeit unserer Zonenbeobachtungen eingehen zu wollen, halten wir es nicht für unzweckmässig zu erwähnen, wie man einige in diesem Bande vorkommende An-

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gaben zu einer genäherten Bestimmung der Fehlergrenzen benützen könnte. Zunächst wäre hier auf die in Nachtrag II angegebenen Differenzen zwischen unseren vor und nach 1865 beobachteten Sternpositionen hinzuweisen, deren Grösse nach Procenten sich so vertheilt:

| Rectascensionen | | | | Declinationen | | | |
|---|---|---|---|---|---|---|---|
| von 0″,00 | bis 0″,10 | 54,5 | Proc. | 0″,0 | bis 1″,5 | 55,6 | Proc. |
| 0,10 | 0,20 | 27,7 | „ | 1,5 | 3,0 | 23,4 | „ |
| 0,20 | 0,30 | 10,1 | „ | 3,0 | 5,0 | 13,8 | „ |
| über | 0,30 | 7,7 | „ | über | 5,0 | 7,2 | „ |

Diese Zusammenstellung umfasst sämmtliche auf Seite 245—264 und 281—293 vorkommenden Sterne und ist das Resultat von 1710 Rectascensions- und 1635 Declinations-Vergleichungen.

Zu einer ähnlichen Zusammenstellung können ferner die bei jedem Verzeichnisse in den Noten angegebenen Abweichungen vom Mittel benützt werden: folgende Zusammenstellung umfasst sämmtliche auf Seite 248 bis 288 vorkommenden Fälle wo derselbe Stern nur in zwei Zonen beobachtet wurde, und wo man demnach die Abweichung vom Mittel gewissermassen als Beobachtungsfehler betrachten kann:

| Rectascension. | | | | Declination. | | | |
|---|---|---|---|---|---|---|---|
| 0″,00 | bis 0″,04 . . | 54,0 | Proc. | 0″,0 | bis 0″,9 . . | 62,4 | Proc. |
| 0,05 | 0,09 . . | 33,7 | „ | 1,0 | 1,9 . . | 27,2 | „ |
| 0,10 | 0,14 . . | 8,4 | „ | 2,0 | 2.9 . . | 7,0 | „ |
| über | 0,14 . . | 3,8 | „ | über | 2,9 . . | 3,4 | „ |

Diese Zusammenstellung bezieht sich auf 370 Sterne und man könnte der oben angedeuteten Auffassung zufolge sagen, dass von den Fehlern der Zonenbeobachtungen 88 Procent in AR weniger als 0″,10 und 90 Prozent in Declin. weniger als 2″,0 betragen; mit gleichem Rechte übrigens könnte man die Hälfte der Differenz in der vorigen Zusammenstellung als Fehler einer Rectascensions- oder Declinations-Bestimmung betrachten und so zu dem Ergebnisse gelangen, dass bei den Rectascensionen nur 8 Procent der Fehler über 0″,15 und bei den Declinationen nur 7 Procent über 2″,5 hinausgehen.

München, im December 1873.

**v. Lamont.**

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# I. Stern-Verzeichniss

## Declination von +15° 0′ bis +21° 0′.

+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1 | 10 | 0 12 26.12 | + 3.097 | +20 52 46.7 | + 20.025 | (217.) |
| 2 | 10 | 0 12 52.04 | 3.097 | 21 0 1.9 | 20.023 | (217.) B. |
| ~~3~~ | ~~10~~ | ~~0 14 48.44~~ | ~~3.101~~ | ~~20 50 15.7~~ | ~~20.013~~ | ~~(217.)~~ |
| 4 | 10 | 0 14 ~~54.47~~ | 3.104 | 20 50 ~~14.3~~ | 20.013 | (217.) |
| 5 | 9 | 0 24 33.09 | 3.124 | 20 56 57.5 | 19.940 | (217.) |
| 6 | 9 | 0 27 56.98 | 3.133 | 20 56 48.5 | 19.906 | (217.) Ll. B. |
| 7 | 9 | 0 30 53.32 | 3.139 | 20 55 10.9 | 19.872 | (217.) Ll. B. |
| 8 | 10 | 0 35 2.25 | 3.148 | 20 58 22.7 | 19.821 | I. B. |
| 9 | 9 | 0 41 6.27 | 3.161 | 20 44 40.6 | 19.733 | (217.) |
| 10 | 9. 10 | 0 48 41.80 | 3.178 | 20 49 19.0 | 19.603 | (217.) |
| 11 | 9. 10 | 0 55 26.52 | 3.192 | 20 59 56.0 | 19.471 | (217.) B. |
| 12 | 10 | 18 9 38.16 | 2.614 | 18 52 17.7 | 0.843 | (296.) B. |
| 13 | 10 | 18 10 16.17 | 2.633 | 18 8 32.1 | 0.898 | (296.) R. |
| 14 | 10 | 18 10 47.16 | 2.635 | 18 3 51.4 | 0.943 | (296.) R. |
| 15 | 9 | 18 11 16.70 | 2.638 | 17 55 34.3 | 0.990 | (206.) Ll. B. |
| 16 | 10 | 18 11 57.96 | 2.628 | 18 19 51.1 | 1.046 | (296.) B. |
| 17 | 10 | 18 12 23.54 | 2.626 | 18 25 59.4 | 1.084 | (296.) B. |
| 18 | 10 | 18 13 27.47 | 2.628 | 18 20 5.8 | 1.175 | (296.) |
| 19 | 9. 10 | 18 14 6.79 | 2.654 | 17 19 27.8 | 1.233 | (296.) |
| 20 | 10 | 18 15 29.69 | 2.630 | 18 16 25.7 | 1.355 | (296.) R. |
| 21 | 10 | 18 16 1.70 | 2.614 | 18 53 1.7 | 1.402 | (296.) |
| 22 | 9. 10 | 18 16 23.36 | 2.609 | 19 4 38.1 | 1.433 | (296.) Ll. B. R. |
| 23 | 10 | 18 16 33.19 | 2.638 | 17 58 12.7 | 1.448 | (296.) |

I. (217) +0.10 -3.7; (218) -0.10 +3.7.



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+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 24 | 10 | 18 17 10.69 | + 2.614 | +18 53 15.2 | + 1.501 | (296.) |
| 25 | 10 | 18 18 12.10 | 2.617 | 18 48 44.5 | 1.591 | (296.) |
| 26 | 10 | 18 19 3.48 | 2.632 | 18 12 44.2 | 1.665 | (296.) |
| 27 | 10 | 18 19 17.96 | 2.631 | 18 14 14.4 | 1.687 | (296.) |
| 28 | 9. 10 | 18 19 32.43 | 2.617 | 18 47 7.1 | 1.707 | (296.) |
| 29 | 10 | 18 20 32.43 | 2.614 | 18 55 26.6 | 1.794 | (296.) B. R. |
| 30 | 10 | 18 20 57.17 | 2.614 | 18 56 28.9 | 1.830 | (296.) B. |
| 31 | 10 | 18 22 23.34 | 2.637 | 18 3 11.5 | 1.956 | (296.) |
| 32 | 8. 9 | 18 22 44.41 | 2.641 | 17 53 20.5 | 1.987 | (296.) Ll. B. R. |
| 33 | 10 | 18 22 50.77 | 2.638 | 17 58 42.6 | 1.996 | (296.) |
| 34 | 9. 10 | 18 23 0.45 | 2.640 | 17 55 2.6 | 2.010 | (296.) B. R. |
| 35 | 10 | 18 23 4.70 | 2.640 | 17 56 20.7 | 2.017 | (296.) B. |
| 36 | 10 | 18 28 3.40 | 2.639 | 18 0 22.0 | 2.448 | (296.) |
| 37 | 10 | 18 28 34.40 | 2.640 | 18 0 11.1 | 2.494 | (296.) |
| 38 | 8 | 18 28 38.62 | 2.638 | 18 5 10.4 | 2.501 | (296.) Ll. B. |
| 39 | 10 | 18 29 47.75 | 2.652 | 17 34 11.4 | 2.601 | (296.) |
| 40 | 10 | 18 29 54.82 | 2.655 | 17 24 41.2 | 2.611 | (296.) B. |
| 41 | 9 | 18 30 13.02 | 2.632 | 18 18 54.4 | 2.637 | (296.) |
| 42 | 10 | 18 30 22.44 | 2.647 | 17 41 15.7 | 2.650 | (296.) |
| 43 | 10 | 18 31 43.71 | 2.631 | 18 22 25.1 | 2.768 | (296.) |
| 44 | 10 | 18 32 8.43 | 2.633 | 18 17 31.3 | 2.803 | (296.) |
| 45 | 10 | 18 32 30.57 | 2.626 | 18 34 11.8 | 2.836 | (296.) Ll. |
| 46 | 10 | 18 32 58.75 | 2.617 | 18 54 46.4 | 2.877 | (296.) |
| 47 | 10 | 18 33 43.92 | 2.638 | 18 7 46.8 | 2.941 | (296.) B. |
| 48 | 10 | 18 34 58.51 | 2.648 | 17 45 3.8 | 3.049 | (296.) Ll. B. |
| 49 | 10 | 18 34 58.59 | 2.653 | 17 32 40.6 | 3.049 | (296.) Ll. B. R. |
| 50 | 10 | 18 35 18.87 | 2.621 | 18 48 53.3 | 3.078 | (296.) |
| 51 | 9. 10 | 18 36 28.38 | 2.643 | 17 56 2.8 | 3.176 | (296.) Ll. |
| 52 | 10 | 18 36 44.49 | 2.625 | 18 38 31.7 | 3.200 | (296.) R. |
| 53 | 10 | 18 37 37.47 | 2.623 | 18 44 44.3 | 3.276 | (296.) |
| 54 | 10 | 18 38 7.77 | 2.624 | 18 43 24.5 | 3.321 | (296.) |

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+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1840 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 55 | 10 | 18 38 18.71 | + 2.624 | +18 43 34.6 | + 3.336 | (296.) |
| 56 | 10 | 18 38 42.94 | 2.621 | 18 49 2.9 | 3.371 | (296.) B. R. |
| 57 | 10 | 18 39 4.25 | 2.622 | 18 46 49.0 | 3.402 | (296.) B. R. |
| 58 | 8. 9 | 18 39 28.26 | 2.634 | 18 19 58.7 | 3.437 | (296.) Ll. R. |
| 59 | 10 | 18 39 30.72 | 2.634 | 18 19 25.6 | 3.449 | (296.) Ll. R. |
| 60 | 6 | 18 40 23.75 | 2.643 | 18 1 4.7 | 3.517 | (296.) Ll. R. |
| 61 | 8. 9 | 18 40 42.47 | 2.707 | 15 27 25.6 | 3.542 | (200.) R. |
| 62 | 10 | 18 40 42.77 | 2.710 | 15 21 13.6 | 3.543 | (200.) Ll. R. |
| 63 | 9 | 18 41 2.29 | 2.708 | 15 24 33.2 | 3.571 | (200.) Ll. |
| 64 | 10 | 18 41 19.42 | 2.662 | 17 14 23.1 | 3.595 | (296.) |
| 65 | 10 | 18 41 40.72 | 2.650 | 17 46 4.9 | 3.626 | (296.) |
| 66 | 9 | 18 41 52.72 | 2.702 | 15 39 51.1 | 3.644 | (200.) |
| 67 | 10 | 18 42 16.98 | 2.626 | 18 41 0.3 | 3.678 | (296.) |
| 68 | 9 | 18 42 26.58 | 2.707 | 15 26 33.1 | 3.693 | (200.) B. |
| 69 | 10 | 18 42 33.66 | 2.618 | 18 58 47.8 | 3.703 | (296.) |
| 70 | 10 | 18 43 5.11 | 2.627 | 18 38 25.1 | 3.748 | (296.) |
| 71 | 8. 9 | 18 43 13.37 | 2.716 | 15 ~~7 39.2~~ | 3.759 | (200.) Ll. B. |
| 72 | 9 | 18 43 39.85 | 2.638 | 18 14 2.4 | 3.798 | (296.) Ll. B. R. |
| 73 | 10 | 18 44 28.17 | 2.048 | 17 50 21.2 | 3.867 | (296.) |
| 74 | 10 | 18 44 43.69 | 2.066 | 17 10 15.6 | 3.890 | (296.) |
| 75 | 10 | 18 45 6.94 | 2.658 | 17 29 16.2 | 3.923 | (296.) |
| 76 | 10 | 18 45 35.27 | 2.663 | 17 16 46.1 | 3.963 | (296.) |
| 77 | 10 | 18 45 48.22 | 2.662 | 17 19 8.2 | 3.981 | (296.) |
| 78 | 10 | 18 46 4.24 | 2.655 | 17 36 29.8 | 4.005 | (296.) |
| 79 | 9. 10 | 18 46 50.30 | 2.650 | 17 50 22.0 | 4.071 | (296.) Ll. B. R. |
| 80 | 9. 10 | 18 46 56.91 | 2.645 | 18 1 47.6 | 4.081 | (296.) Ll. B. |
| 81 | 10 | 18 47 34.13 | 2.642 | 18 8 18.1 | 4.133 | (296.) B. |
| 82 | 10 | 18 47 54.07 | 2.635 | 18 25 43.5 | 4.162 | (296.) B. |
| 83 | 10 | 18 48 44.62 | 2.636 | 18 22 25.9 | 4.234 | (296.) |
| 84 | 10 | 18 48 57.94 | 2.643 | 18 7 27.7 | 4.253 | (296.) |
| 85 | 10 | 18 50 10.27 | 2.642 | 18 10 21.3 | 4.356 | (296.) |

8′

71 Decl. + 100 Th = + 22.3, D = 8′ 12.5

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+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 86 | 9 | 18 50 44.13 | + 2.630 | +18 39 9.7 | + 4.404 | (296.) |
| 87 | 9 | 18 50 50.40 | 2.637 | 18 23 29.8 | 4.413 | (296.) Ll. R. |
| 88 | 10 | 18 51 16.58 | 2.721 | 15 1 29.4 | 4.451 | (200.) B. R. |
| 89 | 10 | 18 51 44.96 | 2.719 | 15 6 33.9 | 4.490 | (200.) B. |
| 90 | 9 | 18 51 53.56 | 2.639 | 18 19 25.2 | 4.503 | (296.) Ll. B. R. |
| 91 | 10 | 18 52 10.45 | 2.636 | 18 26 18.5 | 4.525 | (296.) |
| 92 | 10 | 18 52 31.93 | 2.611 | 19 26 13.5 | 4.557 | (297.) |
| 93 | 9. 10 | 18 52 41.14 | 2.636 | 18 29 48.8 | 4.569 | (296.) Ll. B. R. |
| 94 | 9. 10 | 18 52 58.62 | 2.610 | 19 29 43.7 | 4.596 | (297.) Ll. B. |
| 95 | 10 | 18 53 3.04 | 2.630 | 18 43 0.8 | 4.601 | (296.) B. |
| 96 | 8. 9 | 18 53 3.90 | 2.615 | 19 16 57.5 | 4.603 | (297.) Ll. B. |
| 97 | 10 | 18 53 27.85 | 2.718 | 15 8 30.3 | 4.636 | (200.) B. R. |
| 98 | 10 | 18 53 31.64 | 2.635 | 18 32 55.1 | 4.642 | (296.) R. |
| 99 | 10 | 18 53 46.07 | 2.615 | 19 18 8.8 | 4.661 | (297.) B. R. |
| 100 | 9 | 18 53 56.66 | 2.720 | 15 5 5.8 | 4.678 | (200.) R. |
| 101 | 10 | 18 54 12.03 | 2.625 | 18 53 26.9 | 4.699 | (296.) |
| 102 | 10 | 18 54 13.07 | 2.637 | 18 26 43.4 | 4.700 | (296.) R. |
| 103 | 10 | 18 54 53.80 | 2.647 | 18 3 11.2 | 4.759 | (296.) |
| 104 | 9 | 18 55 13.98 | 2.599 | 19 57 4.8 | 4.787 | (297.) |
| 105 | 10 | 18 55 22.32 | 2.718 | 15 13 22.0 | 4.798 | (200.) |
| 106 | 10 | 18 55 49.58 | 2.654 | 17 47 15.4 | 4.838 | (296.) B. |
| 107 | 10 | 18 56 2.20 | 2.654 | 17 47 35.4 | 4.855 | (296.) |
| 108 | 10 | 18 56 45.76 | 2.598 | 20 3 29.1 | 4.916 | (297.) |
| 109 | 10 | 18 56 50.56 | 2.645 | 18 9 51.2 | 4.924 | (296.) |
| 110 | 10 | 18 57 12.55 | 2.598 | 20 2 39.3 | 4.955 | (297.) B. |
| 111 | 10 | 18 57 31.27 | 2.601 | 19 57 26.4 | 4.981 | (297.) |
| 112 | 9. 10 | 18 57 42.64 | 2.658 | 17 38 12.0 | 4.998 | (296.) |
| 113 | 9. 10 | 18 57 42.84 | 2.646 | 18 8 12.6 | 4.998 | (296.) |
| 114 | 8 | 18 58 17.43 | 2.627 | 18 55 16.8 | 5.046 | (296.) R. |
| 115 | 9 | 18 58 37.27 | 2.590 | 20 24 13.3 | 5.074 | (297.) |
| 116 | 10 | 18 59 10.35 | 2.629 | 18 51 15.1 | 5.121 | (296.) B. R. |

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+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 117 | 10 | 18 59 18.34 | + 2.628 | +18 52 56.2 | + 5.132 | (296.) B. R. |
| 118 | 10 | 18 59 35.57 | 2.597 | 20 7 11.4 | 5.156 | (297.) |
| 119 | 9 | 18 59 56.98 | 2.590 | 20 25 18.0 | 5.186 | (297.) Ll. |
| 120 | 9 | 19 0 1.83 | 2.707 | 15 43 40.1 | 5.193 | (200.) Ll. B. |
| 121 | 9. 10 | 19 0 28.28 | 2.659 | 17 39 49.2 | 5.229 | (296.) |
| 122 | 10 | 19 0 46.63 | 2.605 | 19 50 11.6 | 5.256 | (297.) B. |
| 123 | 9 | 19 0 51.23 | 2.718 | 15 16 41.4 | 5.262 | (200.) B. |
| 124 | 8 | 19 0 56.71 | 2.643 | 18 19 56.4 | 5.271 | (296.) |
| 125 | 10 | 19 0 58.52 | 2.627 | 18 56 37.1 | 5.274 | (296.) |
| 126 | 8. 9 | 19 1 19.66 | 2.611 | 19 37 50.6 | 5.303 | (297.) Ll. R. |
| 127 | 9 | 19 1 37.75 | 2.723 | 15 7 0.2 | 5.328 | (200.) |
| 128 | 10 | 19 1 47.03 | 2.650 | 18 5 13.4 | 5.341 | (296.) |
| 129 | 10 | 19 1 49.27 | 2.602 | 19 56 43.2 | 5.344 | (297.) B. |
| 130 | 9 | 19 2 17.90 | 2.642 | 18 22 26.0 | 5.385 | (296.) B. |
| 131 | 10 | 19 2 23.51 | 2.598 | 20 8 5.8 | 5.394 | (297.) B. |
| 132 | 9 | 19 3 4.68 | 2.724 | 15 3 40.6 | 5.451 | (200.) |
| 133 | 10 | 19 3 46.27 | 2.665 | 17 29 44.5 | 5.508 | (296.) R. |
| 134 | 10 | 19 3 52.59 | 2.604 | 19 57 7.2 | 5.518 | (297.) B. R. |
| 135 | 10 | 19 3 53.24 | 2.596 | 20 15 11.5 | 5.518 | (297.) B. |
| 136 | 9. 10 | 19 4 15.72 | 2.615 | 19 30 18.8 | 5.550 | (297.) |
| 137 | 8. 9 | 19 4 23.36 | 2.713 | 15 32 41.9 | 5.560 | (202.) Ll. B. R. |
| 138 | 9 | 19 4 28.22 | 2.629 | 18 57 3.7 | 5.567 | (296.) |
| 139 | 10 | 19 5 5.96 | 2.624 | 19 11 7.8 | 5.620 | (297.) |
| 140 | 8. 9 | 19 5 8.56 | 2.657 | 17 50 31.6 | 5.625 | (296.) Ll. B. R. |
| 141 | 8 | 19 5 32.48 | 2.659 | 17 48 2.7 | 5.657 | (296.) Ll. B. |
| 142 | 9 | 19 5 44.89 | 2.721 | 15 14 47.9 | 5.675 | (202.) B. |
| 143 | 9 | 19 5 47.09 | 2.721 | 15 14 23.0 | 5.678 | (202.) B. |
| 144 | 8 | 19 5 49.48 | 2.660 | 17 45 14.7 | 5.681 | (296.) Ll. B. |
| 145 | 10 | 19 5 53.02 | 2.597 | 20 15 50.4 | 5.686 | (297.) |
| 146 | 9 | 19 6 18.19 | 2.659 | 17 47 26.4 | 5.721 | (296.) |
| 147 | 9 | 19 7 2.12 | 2.580 | 20 56 50.6 | 5.783 | (297.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 148 | 9 | 19 7 34.23 | + 2.650 | +18 11 37.1 | + 5.827 | (296.) Ll. |
| 149 | 10 | 19 7 35.72 | 2.609 | 19 49 35.6 | 5.829 | (297.) B. |
| 150 | 9 | 19 8 13.96 | 2.649 | 18 13 51.5 | 5.883 | (296.) Ll. |
| 151 | 10 | 19 8 18.44 | 2.622 | 19 20 14.4 | 5.888 | (297.) Ll. |
| 152 | 10 | 19 8 41.55 | 2.622 | 19 20 58.5 | 5.922 | (297.) |
| 153 | 8 | 19 8 56.07 | 2.649 | 18 15 25.8 | 5.941 | (296.) Ll. |
| 154 | 10 | 19 9 2.07 | 2.616 | 19 36 20.0 | 5.950 | (297.) |
| 155 | 9. 10 | 19 9 44.50 | 2.674 | 17 15 53.9 | 6.010 | (296.) B. |
| 156 | 10 | 19 9 48.01 | 2.609 | 19 54 16.6 | 6.014 | (297.) |
| 157 | 8 | 19 10 13.04 | 2.639 | 18 42 55.9 | 6.049 | (296.) Ll. |
| 158 | 9 | 19 10 17.54 | 2.643 | 18 33 40.8 | 6.056 | (296.) Ll. B. |
| 159 | 10 | 19 10 22.32 | 2.599 | 20 17 51.4 | 6.061 | (297.) Ll. B. |
| 160 | 9 | 19 11 13.64 | 2.642 | 18 34 55.3 | 6.134 | (296.) Ll. B. |
| 161 | 10 | 19 11 18.69 | 2.612 | 19 48 17.4 | 6.141 | (297.) |
| 162 | 9 | 19 11 26.40 | 2.609 | 19 55 33.5 | 6.149 | (297.) Ll. B. R. |
| 163 | 9 | 19 11 48.17 | 2.720 | 15 25 7.9 | 6.180 | (202.) B. |
| 164 | 9 | 19 12 6.94 | 2.677 | 17 11 16.9 | 6.207 | (296.) B. |
| 165 | 9 | 19 12 7.85 | 2.674 | 17 20 9.1 | 6.208 | (296.) |
| 166 | 8 | 19 12 14.50 | 2.624 | 19 20 26.1 | 6.217 | (297.) Ll. R. |
| 167 | 10 | 19 12 19.78 | 2.678 | 17 9 34.0 | 6.224 | (296.) |
| 168 | 10 | 19 12 23.16 | 2.720 | 15 23 52.3 | 6.227 | (202.) |
| 169 | 9. 10 | 19 12 52.77 | 2.622 | 19 26 43.5 | 6.270 | (297.) Ll. R. |
| 170 | 9 | 19 13 25.33 | 2.727 | 15 9 3.4 | 6.314 | (202.) |
| 171 | 9. 10 | 19 13 42.71 | 2.712 | 15 48 52.9 | 6.339 | (202.) |
| 172 | 9 | 19 13 51.36 | 2.594 | 20 35 15.3 | 6.350 | (297.) |
| 173 | 10 | 19 14 15.16 | 2.661 | 17 53 35.8 | 6.384 | (296.) |
| 174 | 10 | 19 14 25.99 | 2.668 | 17 34 45.9 | 6.398 | (296.) |
| 175 | 10 | 19 14 44.90 | 2.585 | 20 59 55.2 | 6.425 | (297.) |
| 176 | 8 | 19 14 48.32 | 2.592 | 20 41 0.8 | 6.429 | (297.) B. |
| 177 | 10 | 19 14 54.10 | 2.688 | 16 47 9.9 | 6.438 | (309.) |
| 178 | 10 | 19 15 11.30 | 2.586 | 20 57 5.3 | 6.461 | (297.) B. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 179 | 10 | 19 15 27.73 | + 2.688 | +16 47 28.6 | + 6.484 | (300.) |
| 180 | 10 | 19 15 46.09 | 2.696 | 16 32 18.4 | 6.509 | (300.) |
| 181 | 10 | 19 15 55.64 | 2.602 | 20 20 52.0 | 6.523 | (297.) |
| 182 | 10 | 19 16 5.22 | 2.604 | 20 15 4.9 | 6.536 | (297.) |
| 183 | 10 | 19 16 37.42 | 2.636 | 19 5 33.3 | 6.580 | (296.) Ll. B. |
| 184 | 8. 9 | 19 16 40.35 | 2.611 | 19 59 17.8 | 6.584 | (297.) Ll. B. R. |
| 185 | 10 | 19 16 54.39 | 2.709 | 15 58 15.3 | 6.604 | (300.) |
| 186 | 10 | 19 16 56.39 | 2.634 | 19 4 11.4 | 6.606 | (296.) |
| 187 | 9 | 19 17 2.86 | 2.715 | 15 43 37.1 | 6.616 | (300.) B. R. |
| 188 | 8. 9 | 19 17 14.87 | 2.612 | 19 58 35.1 | 6.633 | (297.) Ll. B. R. |
| 189 | 9 | 19 17 15.29 | 2.722 | 15 26 27.8 | 6.633 | (300.) B. R. |
| 190 | 10 | 19 17 41.36 | 2.718 | 15 37 8.2 | 6.668 | (300.) B. |
| 191 | 10 | 19 17 47.18 | 2.606 | 20 14 27.6 | 6.677 | (297.) B. R. |
| 192 | 9 | 19 17 56.11 | 2.620 | 19 38 55.0 | 6.689 | (297.) |
| 193 | 10 | 19 18 1.48 | 2.705 | 16 10 13.0 | 6.696 | (300.) |
| 194 | 10 | 19 18 25.26 | 2.653 | 18 21 27.1 | 6.729 | (296.) Ll. |
| 195 | 10 | 19 18 31.12 | 2.587 | 20 59 46.8 | 6.737 | (297.) |
| 196 | 10 | 19 18 46.43 | 2.691 | 16 46 50.0 | 6.758 | (300.) B. |
| 197 | 10 | 19 18 47.95 | 2.676 | 17 23 31.0 | 6.761 | (296.) |
| 198 | 10 | 19 18 53.03 | 2.606 | 20 15 51.1 | 6.767 | (297.) |
| 199 | 9 | 19 19 11.70 | 2.727 | 15 15 42.3 | 6.794 | (202.) Ll. B. |
| 200 | 9 | 19 19 21.08 | 2.714 | 15 49 3.8 | 6.805 | (204.) B. R. |
| 201 | 9 | 19 19 23.08 | 2.727 | 15 15 25.6 | 6.808 | (202.) Ll. B. |
| 202 | 10 | 19 19 45.43 | 2.639 | 18 57 5.5 | 6.839 | (296.) |
| 203 | 10 | 19 19 45.43 | 2.693 | 16 44 30.4 | 6.839 | (300.) |
| 204 | 10 | 19 19 47.83 | 2.686 | 17 2 0.7 | 6.843 | (300.) B. R. |
| 205 | 9 | 19 19 48.22 | 2.645 | 18 41 53.2 | 6.843 | (296.) |
| 206 | 10 | 19 19 51.89 | 2.717 | 15 42 20.6 | 6.848 | (204.) |
| 207 | 8 | 19 19 58.18 | 2.614 | 19 57 45.2 | 6.856 | (297.) Ll. B. |
| 208 | 10 | 19 20 14.16 | 2.715 | 15 48 2.2 | 6.878 | (204.) B. |
| 209 | 10 | 19 20 25.05 | 2.686 | 16 59 39.1 | 6.892 | (300.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 210 | 9 | 19 20 48.07 | + 2.663 | +17 59 45.7 | + 6.924 | (296.) Ll. R. |
| 211 | 10 | 19 21 2.77 | 2.716 | 15 47 53.4 | 6.945 | (204.) R. |
| 212 | 10 | 19 21 14.18 | 2.718 | 15 41 35.1 | 6.960 | (204.) |
| 213 | 8. 9 | 19 21 21.46 | 2.615 | 19 56 42.8 | 6.969 | (297.) B. R. |
| 214 | 10 | 19 21 39.72 | 2.719 | 15 41 17.2 | 6.996 | (204.) |
| 215 | 10 | 19 21 42.54 | 2.659 | 18 10 52.3 | 7.000 | (296.) |
| 216 | 10 | 19 22 17.86 | 2.680 | 17 19 22.5 | 7.047 | (296.) |
| 217 | 10 | 19 22 27.20 | 2.689 | 16 55 14.8 | 7.059 | (300.) |
| 218 | 9 | 19 22 30.22 | 2.713 | 15 56 56.5 | 7.064 | (204.) |
| 219 | 10 | 19 22 53.32 | 2.681 | 17 16 49.7 | 7 095 | (296.) R. |
| 220 | 9. 10 | 19 23 ~~8.85~~ | 2.658 | 18 13 46.3 | 7.117 | (296.) |
| 221 | 8 | 19 23 36.50 | 2.703 | 16 24 4.0 | 7.154 | I. Ll. B. |
| 222 | 10 | 19 23 41.95 | 2.616 | 20 1 17.9 | 7.163 | (297.) B. R. |
| 223 | 8 | 19 23 46.28 | 2.701 | 16 29 27.3 | 7.168 | II. Ll. B. |
| ~~224~~ | ~~9. 10~~ | ~~19 23 58.87~~ | ~~2.659~~ | ~~18 13 46.6~~ | ~~7.175~~ | ~~(296.)~~ |
| 225 | 9 | 19 24 0.28 | 2.605 | 20 26 21.5 | 7.187 | (297.) B. |
| 226 | 8 | 19 24 5.40 | 2.690 | 16 56 57.2 | 7.193 | (205.) B. R. |
| 227 | 10 | 19 24 6.47 | 2.710 | 16 6 45.5 | 7.195 | (204.) |
| 228 | 10 | 19 24 15.17 | 2.703 | 16 23 18.5 | 7.207 | (204.) |
| 229 | 10 | 19 24 19.78 | 2.710 | 16 7 22.1 | 7.214 | III. |
| 230 | 9 | 19 24 24.66 | 2.604 | 20 31 50.8 | 7.220 | (297.) R. |
| 231 | 9. 10 | 19 24 29.85 | 2.601 | 20 36 42.9 | 7.228 | (297.) |
| ~~232~~ | ~~9. 10~~ | ~~19 24 37.14~~ | ~~2.660~~ | ~~18 13 56.8~~ | ~~7.237~~ | ~~(296.)~~ |
| 233 | 10 | 19 24 57.87 | 2.656 | 18 23 18.1 | 7.265 | (296.) |
| 234 | 10 | 19 25 6.43 | 2.642 | 18 58 43.8 | 7.277 | (296.) |
| 235 | 9 | 19 25 14.22 | 2.714 | 15 58 19.7 | 7.288 | (203.) B. R. |
| 236 | 10 | 19 25 16.88 | 2.710 | 16 9 30.0 | 7.292 | (300.) |
| 237 | 8 | 19 25 31.94 | 2.603 | 20 36 48.4 | 7.313 | (297.) Ll. R. |
| 238 | 10 | 19 25 32.11 | 2.711 | 16 7 42.1 | 7.313 | (300.) |

I. (204) +0.24 0.0; (205) −0.06 +0.3; (300) −0.18 −0.4. II. (204) +0.21 +1.5; (205) −0.10 −1.1; (300) −0.11 −0.5. III. (204) +0.21 −1.4; (300) −0.21 +1.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 239 | 10 | 19 25 36.64 | + 2.601 | +20 39 33.5 | + 7.319 | (297.) R. |
| 240 | 8 | 19 25 42.09 | 2.698 | 16 39 25.9 | 7.327 | (205.) |
| 241 | 10 | 19 25 43.02 | 2.731 | 15 14 58.3 | 7.328 | (200.) |
| 242 | 10 | 19 25 56.14 | 2.714 | 15 58 38.8 | 7.345 | I. |
| 243 | 9. 10 | 19 25 58.61 | 2.712 | 16 5 41.4 | 7.349 | II. |
| 244 | 8. 9 | 19 26 31.77 | 2.601 | 20 41 6.9 | 7.394 | (297.) Ll. B. R. |
| 245 | 9 | 19 26 44.37 | 2.617 | 20 5 30.3 | 7.410 | (297.) R. } Doppelst. |
| 246 | ? | 19 26 44.83 | 2.619 | 20 — — | 7.411 | (297.) } Doppelst. |
| 247 | 10 | 19 26 47.59 | 2.670 | 17 53 29.2 | 7.415 | (296.) |
| 248 | 10 | 19 26 51.01 | 2.669 | 17 54 21.3 | 7.419 | (296.) |
| 249 | 10 | 19 26 52.53 | 2.714 | 16 2 34.6 | 7.421 | (300.) |
| 250 | 9 | 19 27 6.84 | 2.701 | 16 32 24.2 | 7.441 | (205.) B. |
| 251 | 9 | 19 27 9.11 | 2.737 | 15 3 8.8 | 7.444 | III. B. |
| 252 | 10 | 19 27 24.18 | 2.713 | 16 5 31.0 | 7.464 | (300.) |
| 253 | 8. 9 | 19 27 31.23 | 2.716 | 15 56 32.3 | 7.473 | IV. L. B. R. |
| 254 | 10 | 19 27 42.63 | 2.726 | 15 33 7.9 | 7.490 | (204.) |
| 255 | 9 | 19 27 43.43 | 2.702 | 16 34 6.9 | 7.490 | (205.) B. |
| 256 | 10 | 19 27 43.67 | 2.713 | 16 6 9.0 | 7.491 | (300.) |
| 257 | 8 | 19 27 46.23 | 2.696 | 16 48 30.2 | 7.494 | (204.) |
| 258 | 9 | 19 27 46.28 | 2.735 | 15 8 34.2 | 7.494 | V. B. |
| 259 | 9 | 19 27 47.12 | 2.676 | 17 39 29.3 | 7.495 | (296.) Ll. R. |
| 260 | 10 | 19 27 48.15 | 2.676 | 17 40 28.3 | 7.496 | (296.) |
| 261 | 8. 9 | 19 27 56.20 | 2.673 | 17 48 11.6 | 7.507 | (296.) Ll. |
| 262 | 9 | 15 28 7.94 | 2.727 | 15 29 18.0 | 7.523 | (204.) |
| 263 | 9 | 19 28 8.38 | 2.712 | 16 7 30.1 | 7.523 | VI. R. |
| 264 | 9. 10 | 19 28 18.36 | 2.626 | 19 43 52.6 | 7.536 | (297.) |
| 265 | 7 | 19 28 37.27 | 2.732 | 15 17 0.5 | 7.562 | VII. Ll. R. |

I. (203) +0.01 -1.3; (300) -0.01 +1.3. II. (204) +0.10 -0.8; (300) -0.09 +0.8.
III. (200) -0.13 +1.6; (201) +0.13 -1.5. IV. (203) +0.04 -0.4; (300) -0.04 +0.5.
V. (200) -0.03 +0.5; (201) +0.03 -0.5. VI. (203) +0.11 -3.1; (300) -0.11 +3.1.
VII. (200) -0.03 +2.4; (201) +0.02 -0.8; (202) 0.00 -2.9; (204) +0.02 +1.4.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 266 | 9 | 19 28 56.78 | + 2.654 | +18 36 48.4 | + 7.589 | (300.) B. |
| 267 | 10 | 19 28 58.27 | 2.737 | 15 6 35.9 | 7.591 | (200.) |
| 268 | 9. 10 | 19 29 3.12 | 2.700 | 16 38 38.3 | 7.598 | (300.) B. |
| 269 | 10 | 19 29 6.83 | 2.691 | 17 2 44.8 | 7.603 | (300.) |
| 270 | 9 | 19 29 8.67 | 2.662 | 18 14 46.7 | 7.606 | (296.) Ll. |
| 271 | 9 | 19 29 9.14 | 2.655 | 19 27 39.6 | 7.606 | (297.) B. R. |
| 272 | 10 | 19 29 12.03 | 2.660 | 18 21 31.8 | 7.610 | (296.) |
| 273 | 10 | 19 29 16.54 | 2.662 | 18 14 38.8 | 7.616 | (296.) |
| 274 | 10 | 19 29 17.01 | 2.734 | 15 11 9.6 | 7.616 | (204.) |
| 275 | 8 | 19 29 33.55 | 2.727 | 15 33 35.8 | 7.638 | I. Ll. B. |
| 276 | 10 | 19 29 46.05 | 2.669 | 18 1 5.6 | 7.656 | (296.) |
| 277 | 10 | 19 29 52.74 | 2.668 | 17 56 56.6 | 7.665 | (296.) |
| 278 | 10 | 19 30 3.76 | 2.729 | 15 27 46.6 | 7.680 | (204.) |
| 279 | 9 | 19 30 5.90 | 2.608 | 20 33 30.4 | 7.683 | (297.) R. |
| 280 | 9 | 19 30 15.03 | 2.676 | 17 43 10.4 | 7.694 | (296.) |
| 281 | 10 | 19 30 23.49 | 2.692 | 17 3 16.3 | 7.706 | (300.) |
| 282 | 7. 8 | 19 30 29.03 | 2.713 | 16 7 48.4 | 7.714 | (205.) Ll. B. R. |
| 283 | 9. 10 | 19 30 36.28 | 2.714 | 16 8 3.8 | 7.723 | (205.) Ll. B. R. |
| 284 | 10 | 19 30 50.38 | 2.691 | 17 6 27.6 | 7.742 | (300.) |
| 285 | 10 | 19 30 56.59 | 2.730 | 15 26 31.0 | 7.751 | II. |
| 286 | 10 | 19 31 3.61 | 2.732 | 15 21 46.6 | 7.761 | III. |
| 287 | 9 | 19 31 16.25 | 2.664 | 18 15 27.6 | 7.777 | (296.) Ll. |
| 288 | 10 | 19 31 21.12 | 2.724 | 15 41 41.6 | 7.784 | (203.) |
| 289 | 9 | 19 31 25.14 | 2.696 | 16 54 25.6 | 7.789 | (300.) B. R. |
| 290 | 10 | 19 31 25.36 | 2.696 | 16 51 55.5 | 7.789 | (300.) B. R. |
| 291 | 10 | 19 31 29.71 | 2.663 | 18 17 32.7 | 7.796 | (296.) |
| 292 | 10 | 19 31 38.58 | 2.735 | 15 14 23.0 | 7.808 | (204.) |
| 293 | 9. 10 | 19 31 39 90 | 2.700 | 16 46 17.5 | 7.809 | (300.) |
| 294 | 9 | 19 31 42.70 | 2.696 | 16 55 14.7 | 7.813 | (300.) R. R. |

I. (200) +0.28 +1.8; (201) −0.28 −1.7. II. (200) +0.02 +0.3; (204) −0.02 −0.2.
III. (200) −0.05 +2.2; (204) +0.05 −2.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 295 | 7. 8 | 19 31 46.19 | + 2.611 | +20 26 50.9 | + 7.817 | (297.) R. |
| 296 | 10 | 19 32 6.33 | 2.665 | 18 13 53.9 | 7.844 | (296.) |
| 297 | 9 | 19 32 19.13 | 2.635 | 19 28 18.9 | 7.861 | (297.) |
| 298 | 6 | 19 32 23.57 | 2.679 | 17 40 19.2 | 7.868 | (296.) |
| 299 | 10 | 19 32 26.17 | 2.699 | 16 48 26.9 | 7.871 | (204.) |
| 300 | 10 | 19 32 28.71 | 2.725 | 15 40 50.9 | 7.875 | I. |
| 301 | 10 | 19 32 30.32 | 2.700 | 16 43 45.8 | 7.876 | (300.) |
| 302 | 9 | 19 32 34.82 | 2.663 | 18 20 8.3 | 7.882 | (296.) |
| 303 | 9. 10 | 19 32 48.02 | 2.634 | 19 31 15.3 | 7.899 | (294.) |
| 304 | 9. 10 | 19 33 2.16 | 2.732 | 15 23 57.2 | 7.920 | (200.) |
| 305 | 9. 10 | 19 33 7.70 | 2.737 | 15 11 51.2 | 7.927 | II. |
| 306 | 10 | 19 33 7.63 | 2.718 | 16 0 6.2 | 7.927 | (205.) R. |
| 307 | 10 | 19 33 21.99 | 2.695 | 17 1 36.5 | 7.947 | (300.) |
| 308 | 10 | 19 33 28.36 | 2.692 | 17 7 5.7 | 7.954 | (300.) |
| 309 | 9 | 19 33 34.79 | 2.719 | 15 59 27.8 | 7.963 | (205.) Ll. B. R. |
| 310 | 10 | 19 33 45.65 | 2.735 | 15 17 43.4 | 7.978 | (204.) |
| 311 | 7 | 19 33 55.35 | 2.621 | 20 8 1.4 | 7.990 | (297.) Ll. R. |
| 312 | 10 | 19 34 3.10 | 2.716 | 16 7 59.3 | 8.001 | (203.) B. R. |
| 313 | 10 | 19 34 6.25 | 2.738 | 15 9 52.5 | 8.005 | (200.) |
| 314 | 10 | 19 34 16.49 | 2.680 | 17 38 53.1 | 8.018 | (296.) Ll. |
| 315 | 6 | 19 34 18.56 | 2.693 | 17 7 53.0 | 8.022 | (300.) R. |
| 316 | 10 | 19 34 28.51 | 2.737 | 15 13 22.7 | 8.036 | (201.) |
| 317 | 9 | 19 34 32.70 | 2.630 | 19 47 31.3 | 8.041 | (297.) Ll. B. R. |
| 318 | 10 | 19 34 39.23 | 2.701 | 16 48 56.8 | 8.049 | (300.) |
| 319 | 10 | 19 34 50.62 | 2.718 | 16 5 2.1 | 8.065 | III. B. R. |
| 320 | 10 | 19 34 57.80 | 2.701 | 16 48 1.9 | 8.074 | (300.) |
| 321 | 9. 10 | 19 35 16.80 | 2.738 | 15 11 54.0 | 8.099 | (204.) |
| 322 | 10 | 19 35 27.68 | 2.737 | 15 14 26.9 | 8.114 | (204.) |
| 323 | 10 | 19 35 40.88 | 2.695 | 17 5 43.5 | 8.131 | (300.) |

I. (200) -0.23 +2.7; (203) +0.24 -2.6. II. (203) 0.00 -1.2; (204) — +1.2.
III. (203) +0.10 -1.5; (205) -0.10 +1.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 324 | 10 | 19 35 46.51 | + 2.718 | +16 5 39.1 | + 8.139 | I. B. |
| 325 | 10 | 19 36 0.38 | 2.627 | 19 57 7.1 | 8.157 | (297.) |
| 326 | 10 | 19 36 9.97 | 2.695 | 17 9 27.8 | 8.170 | (300.) B. |
| 327 | 10 | 19 36 22.72 | 2.734 | 15 24 38.3 | 8.188 | (204.) |
| 328 | 10 | 19 36 36.07 | 2.707 | 16 37 47.3 | 8.205 | (300.) Ll. B. |
| 329 | 10 | 19 36 39.64 | 2.736 | 15 19 12.9 | 8.210 | (204.) |
| 330 | 10 | 19 36 50.14 | 2.715 | 16 16 7.0 | 8.224 | (300.) |
| 331 | 9. 10 | 19 37 20.75 | 2.619 | 20 20 49.2 | 8.265 | (297.) B. |
| 332 | 10 | 19 37 29.27 | 2.718 | 16 9 7.1 | 8.276 | (300.) |
| 333 | 10 | 19 37 31.52 | 2.620 | 20 19 14.3 | 8.280 | (297.) B. |
| 334 | 9 | 19 38 12.68 | 2.733 | 15 29 0.0 | 8.334 | II. |
| 335 | 9. 10 | 19 38 17.18 | 2.723 | 15 55 37.2 | 8.339 | (300.) B. |
| 336 | 10 | 19 38 39.36 | 2.728 | 15 45 8.1 | 8.368 | (300.) |
| 337 | 9 | 18 38 39.97 | 2.616 | 20 33 15.0 | 8.369 | (297.) Ll. |
| 338 | 9. 10 | 19 38 57.43 | 2.726 | 15 50 48.9 | 8.392 | III. B. |
| 339 | 10 | 19 39 8.08 | 2.740 | 15 13 36.9 | 8.406 | (204.) |
| 340 | 10 | 19 39 20.79 | 2.741 | 15 11 15.3 | 8.423 | (204.) |
| 341 | 10 | 19 39 35.59 | 2.725 | 15 55 39.4 | 8.443 | IV. |
| 342 | 9. 10 | 19 39 42.29 | 2.641 | 19 29 46.9 | 8.451 | (297.) |
| 343 | 9 | 19 39 46.80 | 2.742 | 15 11 51.4 | 8.457 | V. |
| 344 | 10 | 19 39 54.53 | 2.722 | 16 3 3.9 | 8.468 | (300.) B. |
| 345 | 9 | 19 39 55.16 | 2.629 | 20 2 14.0 | 8.468 | (297.) |
| 346 | 10 | 19 40 27.89 | 2.716 | 16 20 48.6 | 8.511 | (300.) B. |
| 347 | 9 | 19 40 28.00 | 2.744 | 15 6 57.4 | 8.511 | VI. |
| 348 | 9 | 19 40 32.20 | 2.740 | 15 15 25.0 | 8.517 | (204.) |
| 349 | 10 | 19 40 41.18 | 2.720 | 16 9 3.4 | 8.528 | (300.) |
| 350 | 9 | 19 40 48.61 | 2.714 | 15 54 53.3 | 8.539 | (205.) |

I. (203) +0.30 −2.5; (205) −0.30 +2.5. II. (200) −0.09 +1.0; (202) +0.09 −1.1. III. (203) −0.18 −0.4; (205) +0.59 +2.0; (300) −0.40 −1.6. IV. (205) +0.05 +1.7; (300) −0.05 −1.7. V. (202) +0.12 0.0; (204) −0.11 +0.1. VI. (200) +0.07 +1.2; (202) −0.07 −1.1

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 351 | 9 | 19 41 1.99 | + 2.713 | +15 35 27.1 | + 8.557 | I. Ll. |
| 352 | 10 | 19 41 11.84 | 2.739 | 15 19 12.7 | 8.570 | (204.) |
| 353 | 10 | 19 41 26.53 | 2.723 | 16 1 52.6 | 8.589 | (300.) |
| 354 | 9 | 19 41 30.72 | 2.639 | 19 37 40.1 | 8.594 | (297.) |
| 355 | 10 | 19 41 32.70 | 2.740 | 15 19 37.8 | 8.597 | (300.) |
| 356 | 9 | 19 41 55.99 | 2.739 | 15 21 53.4 | 8.628 | II. |
| 357 | 9 | 19 41 59.15 | 2.635 | 19 50 39.6 | 8.632 | (297.) B. |
| 358 | 9 | 19 42 6.84 | 2.745 | 15 5 0.4 | 8.642 | (202.) |
| 359 | 10 | 19 42 22.20 | 2.734 | 15 37 15.8 | 8.662 | (204.) |
| 360 | 9 | 19 42 31.61 | 2.633 | 19 56 35.9 | 8.675 | (297.) B. |
| 361 | 8 | 19 42 33.23 | 2.733 | 15 38 48.2 | 8.676 | III. |
| 362 | 10 | 19 42 40.51 | 2.733 | 15 39 53.7 | 8.686 | (300.) |
| 363 | 10 | 19 42 46.63 | 2.741 | 15 18 0.2 | 8.694 | (300.) |
| 364 | 10 | 19 43 15.67 | 2.628 | 20 13 56.6 | 8.733 | (297.) B. |
| 365 | 9 | 19 43 29.39 | 2.730 | 15 48 10.5 | 8.750 | (202.) |
| 366 | 9 | 19 43 44.14 | 2.731 | 15 45 49.4 | 8.769 | IV. B. |
| 367 | 9 | 19 43 57.77 | 2.629 | 20 11 55.9 | 8.788 | (297.) B. |
| 368 | 8 | 19 44 9.33 | 2.637 | 19 49 59.9 | 8.803 | (297.) Ll. |
| 369 | 10 | 19 44 23.12 | 2.740 | 15 22 3.0 | 8.817 | (300.) |
| 370 | 9 | 19 45 14.41 | 2.728 | 15 56 17.1 | 8.888 | (300.) |
| 371 | 9. 10 | 19 45 35.28 | 2.668 | 19 28 11.6 | 8.915 | (297.) Ll. B. |
| 372 | 9 | 19 45 47.05 | 2.737 | 15 32 59.2 | 8.931 | (204.) B. |
| 373 | 8 | 19 46 5.20 | 2.731 | 15 51 40.6 | 8.955 | V. Ll. B. |
| 374 | 10 | 19 46 17.55 | 2.736 | 15 37 39.5 | 8.972 | (204.) |
| 375 | 10 | 19 46 19.78 | 2.725 | 16 6 33.7 | 8.975 | (300.) |
| 376 | 9 | 19 47 23.27 | 2.732 | 15 48 37.5 | 9.057 | VI. |
| 377 | 9 | 19 47 26.83 | 2.737 | 15 36 51.9 | 9.062 | VII. |

I. (200) +0.05 +0.9; (202) -0.10 -3.0; (204) +0.05 +2 1. II. (202) +0.01 -1.3; (204) -0.01 +1.3. III. (204) +0.01 +1.5; (205) 0.00 -1.5. IV. (204) +0.25 +0.4; (300) -0.25 -0.3. V. (205) +0.06 +0.4; (300) -0.05 -0.3 VI. (204) -0 14 +0.2; (205) +0.07 +0.5; (300) +0.08 -0.7. VII. (203) +0.11 -5.8; (204) -0.11 +5.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 378 | 8. 9 | 19 47 30.64 | + 2.722 | +16 17 11.4 | + 9.067 | (300.) |
| 379 | 10 | 19 48 16.95 | 2.723 | 16 14 59.6 | 9.127 | (300.) |
| 380 | 9. 10 | 19 48 33.83 | 2.732 | 15 52 29.9 | 9.149 | (205.) |
| 381 | 9. 10 | 19 49 6.98 | 2 740 | 15 34 16.5 | 9.192 | I. B. |
| 382 | 7. 8 | 19 49 12.28 | 2.724 | 16 14 25.1 | 9.199 | (300.) Ll. B. R. |
| 383 | 10 | 19 49 21.94 | 2.723 | 16 18 49.2 | 9.212 | (300.) |
| 384 | 9 | 19 49 26.54 | 2.733 | 15 51 3.6 | 9.218 | (203.) |
| 385 | 10 | 19 49 34.54 | 2.750 | 15 8 2.0 | 9.228 | (202.) |
| 386 | 10 | 19 49 54.92 | 2.739 | 15 35 3.2 | 9.254 | (204.) |
| 387 | 10 | 19 49 58.23 | 2.730 | 16 0 43.9 | 9.258 | (203.) Ll B. |
| 388 | 10 | 19 50 21.94 | 2.710 | 16 54 50.4 | 9.290 | (300.) B. |
| 389 | 8. 9 | 19 50 26.48 | 2.625 | 20 36 2.1 | 9.295 | (297.) R. |
| 390 | 9 | 19 50 31.11 | 2.748 | 15 11 56.4 | 9.301 | (202.) B. |
| 391 | 9 | 19 50 37.38 | 2.754 | 15 0 21.0 | 9.309 | (202.) B. |
| 392 | 9. 10 | 19 50 56.24 | 2 709 | 16 58 34.7 | 9.333 | (300.) |
| 393 | 10 | 19 50 58.89 | 2.708 | 17 2 27.2 | 9.337 | (300.) |
| 394 | 9 | 19 51 12.31 | 2.749 | 15 12 29.9 | 9.354 | II. B. |
| 395 | 7 | 19 51 24.77 | 2.729 | 16 5 43.9 | 9.369 | (205.) Ll. B. |
| 396 | 10 | 19 51 33.24 | 2.628 | 20 33 50.7 | 3.380 | (297.) |
| 397 | 9 | 19 51 45.01 | 2.747 | 15 19 50.9 | 9.395 | (300.) |
| 398 | 10 | 19 52 15.01 | 2.617 | 20 59 31.4 | 9.434 | (297.) B. |
| 399 | 9. 10 | 19 52 42 13 | 2.719 | 16 36 37.6 | 9.469 | III. |
| 400 | 10 | 19 52 48.01 | 2.619 | 20 58 12.5 | 9.476 | (297.) B. |
| 401 | 10 | 19 53 13.88 | 2.718 | 16 38 40.1 | 9.510 | (300.) |
| 402 | 10 | 19 53 14.58 | 2.734 | 15 51 51.5 | 9.511 | IV. |
| 403 | 10 | 19 53 30.17 | 2.620 | 20 56 41.9 | 9.530 | (297.) |
| 404 | 8. 9 | 19 53 51.63 | 2.720 | 16 35 8.8 | 9 559 | V. B. |
| 405 | 9. 10 | 19 53 54.61 | 2.641 | 20 5 25.0 | 9.562 | (297.) |

I. (202) [+1.56] +0.2; (203) +0.16 -4 3; (204) -0.15 +4.1. II. (203) -0.08 +1.4; (204) +0.09 -1.3. III. (205) +0.16 -0.3; (300) -0.15 +0.2. IV. (203) -0.10 -0.9; (204) +0.11 +0 9. V. (205) -0.07 +0.5; (300) +0.07 -0.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 406 | 9 | 19 54 7.54 | + 2.742 | +15 37 5.1 | + 9.579 | (203.) Ll. B. |
| 407 | 10 | 19 54 8.79 | 2.725 | 16 23 34.9 | 9.581 | (205.) |
| 408 | 7 | 19 54 14.04 | 2.652 | 19 35 40.4 | 9.587 | (297.) Ll. B. R. |
| 409 | 9. 10 | 19 54 14.69 | 2.739 | 15 45 35.2 | 9.588 | (204.) B. |
| 410 | 9 | 19 54 26.36 | 2.728 | 16 15 18.2 | 9.602 | (300.) |
| 411 | 9. 10 | 19 55 7.84 | 2.726 | 16 24 25.4 | 9.656 | I. |
| 412 | 9 | 19 55 8.62 | 2.726 | 16 22 25.9 | 9.658 | II. |
| 413 | 10 | 19 55 42.93 | 2.633 | 20 30 42.2 | 9.701 | (297.) Ll. B. R. |
| 414 | 8 | 19 55 43.05 | 2.753 | 15 12 7.2 | 9.701 | III. Ll. |
| 415 | 9 | 19 56 1.59 | 2.726 | 16 25 41.8 | 9.726 | IV. |
| 416 | 9 | 19 56 9.39 | 2.756 | 15 2 42.9 | 9.735 | (203.) B. |
| 417 | 10 | 19 56 18.38 | 2.756 | 15 3 7.5 | 9.746 | (203.) |
| 418 | 10 | 19 56 20.53 | 2.644 | 20 3 23.9 | 9.749 | (297.) |
| 419 | 10 | 19 56 28.98 | 2.735 | 15 19 44.0 | 9.760 | (204.) |
| 420 | 9 | 19 56 32.09 | 2.720 | 16 45 28.4 | 9.764 | (300.) |
| 421 | 7 | 19 56 38.44 | 2.745 | 15 36 50.2 | 9.771 | (300.) B. R. |
| 422 | 9. 10 | 19 56 48.42 | 2.730 | 16 14 57.9 | 9.784 | (205.) |
| 423 | 10 | 19 57 8.93 | 2.665 | 19 11 47.1 | 9.811 | (297.) |
| 424 | 8. 9 | 19 57 9.89 | 2.730 | 16 17 25.7 | 9.812 | V. B. R. |
| 425 | 9. 10 | 19 57 28.81 | 2.731 | 16 13 36.5 | 9.836 | VI. B. |
| 426 | 8 | 19 57 54.41 | 2.748 | 15 28 44.4 | 9.867 | VII. |
| 427 | 8. 9 | 19 58 20.74 | 2.731 | 16 15 10.7 | 9.901 | VIII. B. R. |
| 428 | 7 | 19 58 39.35 | 2.657 | 19 33 52.2 | 9.913 | (297.) R. |
| 429 | 8. 9 | 19 58 35.76 | 2.729 | 16 22 31.0 | 9.921 | IX. Ll. B. |
| 430 | 8. 9 | 19 58 58.16 | 2.712 | 17 10 25.8 | 9.948 | (296.) B. |
| 431 | 10 | 19 59 10.70 | 2.729 | 16 23 27.0 | 9.965 | (203.) |

I. (205) −0.07 −0.2; (300) +0.08 +0.2. II. (205) −0.02 +1.4; (300) +0.02 −1.3. III. (203) −0.04 −0.8; (204) +0.04 +0.8. IV. (205) +0.07 −3.2; (300) −0.06 +3.2. V. (204) −0.19 +1.4; (205) +0.12 −1.0; (300) +0.07 −0.4. VI. (204) [+0.99] −0.8; (205) −0.07 [−11.9]; (300) +0.07 +0.8. VII. (200) +0.08 +2.6; (202) +0.04 −2.1; (203) −0.13 −0.5. VIII. (205) −0.02 [+14.5]; (300) +0.02 0.0. IX. (205) −0.07 −4.9; (300) +0.08 +5.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 432 | 9 | 19 59 13.88 | + 2.735 | +16 7 49.3 | + 9.969 | I. |
| 433 | 9. 10 | 19 59 23.61 | 2.734 | 16 9 25.6 | 9.981 | II. |
| 434 | 9 | 19 59 32.59 | 2.742 | 15 49 38.2 | 9.993 | (203.) B. |
| 435 | 7. 8 | 19 59 32.66 | 2.759 | 15 4 21.4 | 9.993 | (200.) |
| 436 | 9 | 19 59 51.85 | 2.739 | 15 57 40.0 | 10.017 | (300.) R. |
| 437 | 8 | 20 0 0.36 | 2.729 | 16 26 28.5 | 10.027 | (205.) Ll. B. |
| 438 | 10 | 20 0 13.36 | 2.711 | 17 29 53.8 | 10.044 | (296.) |
| 439 | 8 | 20 0 28.64 | 2.746 | 15 38 47.0 | 10.063 | III. B. R. |
| 440 | 7 | 20 0 40.03 | 2.726 | 16 35 31.3 | 10.078 | (203.) |
| 441 | 8. 9 | 20 0 40 97 | 2.735 | 16 12 57.6 | 10.079 | (208.) Ll. B. R. |
| 442 | 10 | 20 0 46.70 | 2.704 | 17 36 3.2 | 10.086 | (296.) |
| 443 | 10 | 20 0 53.59 | 2.745 | 15 43 7.8 | 10.095 | IV. |
| 444 | 8. 9 | 20 1 7.40 | 2.745 | 15 44 5.2 | 10.111 | V. B. |
| 445 | 8 | 20 1 7.92 | 2.725 | 16 39 2.3 | 10.113 | (203.) |
| 446 | 9 | 20 1 8.62 | 2.664 | 19 24 31.1 | 10.114 | (297.) B. R. |
| 447 | 9 | 20 1 15.69 | 2.664 | 19 24 24.0 | 10.122 | (297.) |
| 448 | 8 | 20 1 15.98 | 2.734 | 16 13 51.6 | 10.122 | (208.) B. R. |
| 449 | 9 | 20 1 18.97 | 2.686 | 18 24 16.4 | 10.126 | (266.) Ll. R. |
| 450 | 8 | 20 1 20.90 | 2.726 | 16 36 31.3 | 10.129 | (205.) R. |
| 451 | 9 | 20 1 34.34 | 2.756 | 15 14 45.8 | 10.145 | VI. R. |
| 452 | 10 | 20 1 41.47 | 2.730 | 16 27 55.3 | 10.155 | (208.) |
| 453 | 9 | 20 2 14.66 | 2.712 | 17 18 9.8 | 10.196 | (206.) |
| 454 | 9 | 20 2 15.31 | 2.746 | 15 38 18.6 | 10.196 | VII. B. |
| 455 | 8 | 20 2 20.27 | 2.730 | 16 28 23.8 | 10.203 | (208.) Ll. B. |
| 456 | 8. 9 | 20 2 30.94 | 2.682 | 18 38 14.3 | 10.216 | (296.) Ll. R. |
| 457 | 8 | 20 2 43.72 | 2.719 | 16 59 39.5 | 10.233 | (205.) B. |
| 458 | 9 | 20 2 44.09 | 2.733 | 16 21 36.8 | 10.233 | (208.) Ll. B. |

I. (204) -0.01 -1.4; (300) +0.01 +1.5. II. (204) -0.27 -0.3; (300) +0.28 +0.4. III. (202) +0.05 -2.6; (203) -0.02 -1.2; (204) -0.39 +0.9; (300) +0.37 +2.8. IV. (204) -0.23 -1.1; (300) +0.24 +1.2. V. (203) -0.13 -1.7; (204) +0.21 +0.9; (208) -0.07 +1.0; (300) +0.01 -0.1. VI. (200) -0.21 +1.0; (202) +0.21 -1.0. VII. (204) -0.08 +1.1; (300) +0.08 -1.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 459 | 9 | 20 2 49.02 | + 2.747 | +15 45 8.9 | + 10.239 | I. B. |
| 460 | 9 | 20 2 51.06 | 2.690 | 18 20 41.0 | 10.241 | (296.) B. R. |
| 461 | 9. 10 | 20 2 53.13 | 2.720 | 16 58 39.3 | 10.244 | (205.) |
| 462 | 8. 9 | 20 3 12.92 | 2.632 | 20 55 22.8 | 10.269 | (297.) B. |
| 463 | 9 | 20 3 28.76 | 2.730 | 16 29 17.3 | 10.289 | (208.) |
| 464 | 9 | 20 3 29.59 | 2.726 | 16 42 30.0 | 10.290 | (206.) |
| 465 | 8. 9 | 20 3 32.70 | 2.750 | 15 34 51.9 | 10.294 | II. R. |
| 466 | 9 | 20 3 33.88 | 2.746 | 15 47 9.3 | 10.295 | (200.) |
| 467 | 10 | 20 3 40.27 | 2.687 | 18 30 31.6 | 10.303 | (296.) |
| 468 | 8 | 20 3 45.78 | 2.635 | 20 47 54.8 | 10.310 | (297.) Ll. |
| 469 | 10 | 20 3 49.50 | 2.716 | 17 9 43.2 | 10.314 | (205.) |
| 470 | 9 | 20 3 55.49 | 2.719 | 17 3 40.7 | 10.321 | (205.) B. |
| 471 | 9 | 20 3 59.03 | 2.731 | 16 29 17.2 | 10.326 | III. R. |
| 472 | 10 | 20 4 8.06 | 2.668 | 19 20 0.3 | 10.338 | (305.) |
| 473 | 10 | 20 4 10.08 | 2.688 | 18 28 10.7 | 10.340 | (296.) |
| 474 | 9 | 20 4 14.76 | 2.726 | 16 43 26.1 | 10.346 | IV. B. |
| 475 | 10 | 20 4 19.96 | 2.686 | 18 34 21.9 | 10.353 | (296.) |
| 476 | 8 | 20 4 24.33 | 2.745 | 16 24 38.5 | 1 .358 | V. |
| 477 | 7 | 20 4 27.40 | 2.638 | 20 41 30.1 | 10.361 | (297.) Ll. B. R. |
| 478 | 9 | 20 4 42.67 | 2.727 | 16 42 32.9 | 10.382 | VI. B. R. |
| 479 | 9 | 20 4 59.25 | 2.732 | 16 29 31.9 | 10.401 | VII. R. |
| 480 | 9 | 20 5 2.88 | 2.679 | 18 54 39.6 | 10.407 | (296.) Ll. B. |
| 481 | 10 | 20 5 6.08 | 2.670 | 19 18 52.5 | 10.410 | (305.) |
| 482 | 10 | 20 5 23.05 | 2.668 | 19 26 22.2 | 10.432 | (305.) |
| 483 | 8. 9 | 20 5 24.83 | 2.722 | 16 58 11.5 | 10.434 | (205.) R. |
| 484 | 10 | 20 5 28.19 | 2.736 | 16 17 1.8 | 10.438 | (204.) |
| 485 | 10 | 20 5 29.64 | 2.727 | 16 44 48.2 | 10.440 | (206.) |

I. (206) -0.04 -6.0; (300) +0.05 +6.0. II. (202) 0.00 -2.0; (300) +0.01 +2.0. III. (204) -0.06 +0.1; (300) +0.07 -0.1. IV. (206) -0.11 -0.5; (300) +0.12 +0.5. V. (204) -0.02 +0.2; (208) +0.02 -0.2. VI. (206) -0.11 +0.1; (300) +0.11 -0.1. VII. (204) -0.15 +0.1; (208) -0.02 +0.2; (300) +0.16 -0.2.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 486 | 9 | 20 5 29.72 | + 2.641 | +20 37 26.3 | + 10.440 | (297.) Ll. B. |
| 487 | 10 | 20 5 34.30 | 2.701 | 17 55 28.5 | 10.445 | (296.) Ll. B. |
| 488 | 10 | 20 5 37.33 | 2.742 | 16 3 44.4 | 10.448 | (300.) |
| 489 | 9. 10 | 20 5 38.98 | 2.726 | 16 49 23.0 | 10.451 | I. |
| 490 | 9. 10 | 20 5 43.98 | 2.664 | 19 37 47.1 | 10.458 | (305. B. |
| 491 | 9 | 20 5 57.13 | 2.676 | 19 5 46.2 | 10.473 | (296.) |
| 492 | 8 | 20 5 58.45 | 2.751 | 15 38 54.6 | 10.475 | II. R. |
| 493 | 10 | 20 6 0.42 | 2.695 | 18 15 31.1 | 10.478 | (296.) |
| 494 | 9 | 20 6 26.05 | 2.713 | 17 25 21.5 | 10.510 | (208.) B. R. |
| 495 | 9 | 20 6 32.66 | 2.641 | 20 41 53.9 | 10.519 | (297.) Ll. R. |
| 496 | 9 | 20 6 37.15 | 2.713 | 17 26 56.9 | 10.523 | (208.) B. R. |
| 497 | 9. 10 | 20 6 37.82 | 2.725 | 16 53 35.9 | 10.525 | III. R. |
| 498 | 9 | 20 6 41.10 | 2.750 | 15 45 51.4 | 10.529 | IV. |
| 499 | 8 | 20 6 42.67 | 2.749 | 15 48 57.2 | 10.532 | V. |
| 500 | 8. 9 | 20 6 52.96 | 2.751 | 15 42 41.7 | 10.544 | VI. |
| 501 | 9. 10 | 20 6 59.57 | 2.750 | 15 45 13.9 | 10.553 | (203.) |
| 502 | 10 | 20 7 0.71 | 2.726 | 16 51 39.0 | 10.554 | (205.) |
| 503 | 10 | 20 7 1.60 | 2.720 | 17 9 14.8 | 10.555 | (206.) |
| 504 | 9. 10 | 20 7 5.37 | 2.642 | 20 40 38.0 | 10.559 | (897.) Ll. |
| 505 | 10 | 20 7 15.76 | 2.698 | 18 9 11.5 | 10.572 | (296.) R. |
| 506 | 8. 9 | 20 7 17.91 | 2.707 | 17 45 58.0 | 10.575 | (296.) Ll. B. |
| 507 | 9 | 20 7 18.78 | 2.716 | 17 20 48.7 | 10.576 | (208.) Ll. B. R. |
| 508 | 9 | 20 7 23.33 | 2.643 | 20 36 27.1 | 10.582 | (297.) |
| 509 | 9 | 20 7 28.33 | 2.725 | 16 53 6.8 | 10.588 | (205.) B. R. |
| 510 | 10 | 20 7 36.47 | 2.761 | 15 14 46.1 | 10.597 | VII. |
| 511 | 10 | 20 7 43.08 | 2.720 | 17 10 0.8 | 10.606 | (206.) |
| 512 | 10 | 20 7 50.34 | 2.725 | 16 55 — | 10.615 | (205.( |

I. (205) +0.04 -5.8; (206) -0.05 +4.8; (208) 0.00 +1.1. II. (203) +0.20 -0.2; (300) -0.20 +0.3. III. (206) +0.21 +2.8; (208) -0.21 -2.7. IV. (203) -0.25 -1.5; (204) -0.18 -0.6; (300) +0.52 +2.0. V. (203) -0.05 -0.8; (204) +0.06 +0.9. VI. (203) +0.03 +7.4; (300) -0.02 -7.3. VII. (202) -0.14 -3.0; (204) +0.14 +2.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 513 | 9 | 20 7 50.92 | + 2.653 | +20 12 3.3 | + 10.616 | (305.) R. |
| 514 | 9 | 20 7 55.42 | 2.727 | 16 51 39.5 | 10.621 | (205.) |
| 515 | 9 | 20 8 5.62 | 2.761 | 15 14 56.3 | 10 634 | I. |
| 516 | 10 | 20 8 10.13 | 2.711 | 17 35 8.9 | 10.639 | (208.) |
| 517 | 10 | 20 8 31.18 | 2.703 | 18 1 5.9 | 10.665 | (296.) |
| 518 | 9 | 20 8 36.68 | 2.703 | 18 0 48.9 | 10.672 | (266.) Ll. B. |
| 519 | 9 | 20 8 56.79 | 2.670 | 19 31 16.7 | 10 697 | II. |
| 520 | 9 | 20 8 58.59 | 2.749 | 15 51 50.4 | 10.700 | III. |
| 521 | 10 | 20 9 2.23 | 2.749 | 15 51 35.8 | 10.703 | (204.) |
| 522 | 10 | 20 9 16.04 | 2.689 | 18 37 44.0 | 10.720 | (296.) B. |
| 523 | 10 | 20 9 19.08 | 2.723 | 17 5 1.2 | 10.724 | (206.) |
| 524 | 9 | 20 9 25.68 | 2.736 | 16 28 33.4 | 10.733 | (205.) R. |
| 525 | 9 | 20 9 33.52 | 2.719 | 17 20 10.0 | 10.743 | (208.) |
| 526 | 9 | 20 9 42.37 | 2.757 | 15 32 48.8 | 10.752 | IV. R. |
| 527 | 10 | 20 9 44.41 | 2.707 | 17 51 10.1 | 10.755 | (296.) |
| 528 | 9 | 20 10 0 77 | 2.718 | 17 22 10.8 | 10.776 | (208.) |
| 529 | 8 | 20 10 5.15 | 2.740 | 16 18 26.8 | 10.781 | V. R. |
| 530 | 10 | 20 10 5.60 | 2.669 | 19 35 0.9 | 10 782 | (297.) |
| 531 | 9 | 20 10 7.68 | 2.765 | 15 10 36.5 | 10.785 | (201.) |
| 532 | 9 | 20 10 11.90 | 2.706 | 17 53 35.3 | 10.789 | (296.) Ll. B. |
| 533 | 10 | 20 10 14.05 | 2.704 | 17 59 18.5 | 10.792 | (296.) |
| 534 | 8. 9 | 20 10 15.86 | 2.760 | 15 24 45.7 | 10.794 | VI. R. |
| 535 | 9 | 20 10 39.92 | 2.667 | 19 45 59.9 | 10.824 | VII. B. |
| 536 | 9 | 20 10 44.08 | 2.738 | 16 26 34.1 | 10.829 | (205.) |
| 537 | 10 | 20 10 49.35 | 2.737 | 16 30 35.1 | 10.835 | (205.) |
| 538 | 10 | 20 10 50.62 | 2.721 | 17 16 59.7 | 10.838 | (208.) |

**I.** (202) -0.30 +0.5; (203) +0.20 -4.1; (204) -0.21 +2.8; (300) +0.33 +1.0. **II.** (297) -0.09 -0.3; (303) +0.10 +0.3. **III.** (204) +0.11 +0.9; (300) -0.11 -0.9. **IV.** (204) +0.16 +5.4; (300) -0.15 -5.4. **V.** (204) +0.26 -1.5; (205) -0.40 +5.4; (206) +0.14 -3.8. **VI.** (202) -0.04 +1.1; (203) -0.14 -1.7; (300) +0.19 +0.7. **VII.** (297) -0.09 -1.6; (305) +0.09 +1.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 539 | 8 | 20 11 3.71 | + 2.758 | +15 32 48.3 | + 10.854 | I. R. |
| 540 | 9 | 20 11 5.32 | 2.662 | 19 57 42.5 | 10.855 | (305.) |
| 541 | 9 | 20 11 17.67 | 2.729 | 16 53 43.7 | 10.871 | II. B. R. |
| 542 | 9. 10 | 20 11 19.80 | 2.664 | 19 51 44.9 | 10.874 | III. |
| 543 | 9 | 20 11 22.19 | 2.729 | 16 53 58.7 | 10.876 | IV. B. R. |
| 544 | 9 | 20 11 27.91 | 2.708 | 17 51 52.9 | 10.884 | (296.) Ll. |
| 545 | 10 | 20 11 28.02 | 2.741 | 16 20 0.7 | 10.884 | (206.) |
| 546 | 9 | 20 11 36.09 | 2.744 | 16 14 25.2 | 10.893 | V. |
| 547 | 10 | 20 11 41.10 | 2.749 | 16 0 10.3 | 10.899 | (204.) R. |
| 548 | 10 | 20 11 49.83 | 2.704 | 18 5 56.2 | 10.911 | (296.) |
| 549 | 10 | 20 11 50.81 | 2.708 | 17 53 0.0 | 10.912 | (296.) |
| 550 | 8 | 20 11 55.64 | 2.730 | 16 53 49.4 | 10.918 | VI. |
| 551 | 10 | 20 12 11.43 | 2.742 | 16 19 44.6 | 10.936 | (205.) |
| 552 | 9 | 20 12 21.38 | 2.662 | 19 59 57.2 | 10.949 | (305.) B. |
| 553 | 9. 10 | 20 12 30.44 | 2.654 | 20 23 56.9 | 10.960 | (305.) |
| 554 | 10 | 20 12 34.37 | 2.723 | 17 15 2.2 | 10.965 | (296.) |
| 555 | 8 | 20 12 35.87 | 2.769 | 15 4 39.1 | 10.967 | (201.) R. |
| 556 | 9 | 20 12 37.91 | 2 737 | 16 34 30.9 | 10.970 | (300.) |
| 557 | 10 | 20 12 38.37 | 2.732 | 16 51 4.2 | 10.970 | (300.) |
| 558 | 10 | 20 12 41.15 | 2.761 | 15 28 6.0 | 10.973 | VII. R. |
| 559 | 10 | 20 12 43.46 | 2.675 | 19 31 10.8 | 10.976 | (297.) |
| 560 | 9 | 20 12 53.15 | 2.754 | 15 48 44.5 | 10.988 | VIII. |
| 561 | 9 | 20 13 8.93 | 2.646 | 20 46 36.7 | 11.007 | (305.) B. |
| 562 | 10 | 20 13 13.35 | 2.745 | 16 15 2.6 | 11.013 | (205.) |
| 563 | 9 | 20 13 18.49 | 2.752 | 16 52 51.4 | 11.019 | (208.) |
| 564 | 8 | 20 13 18.99 | 2.770 | 15 4 18.7 | 11.020 | IX. Ll. |

I. (201) +0.01 -0.9; (204) +0.26 +3.3; (300) -0.23 -2.4. II. (208) -0.09 0.0; (300) +0.09 0.0. III. (297) -0.09 -1.2; (305) +0.10 +1.3. IV. (208) -0.41 +4.1; (300) +0.42 -4.0. V. (204) +0.21 +1.9; (205) -0.34 -0.6; (206) +0.12 -1.4. VI. (208) -0.16 -0.5; (300) +0.17 +0.5. VII. (202) +0.08 -1.1; (204) -0.07 +1.1. VIII. (204) +0.16 -1.4; (206) -0.16 +1.5. IX. (200) +0.03 +1.7; (201) -0.10 -2.3; (202) +0.07 +0.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 565 | 9. 10 | 20 13 28.91 | + 2.675 | +19 28 5.1 | + 11.032 | (297.) |
| 566 | 7 | 20 13 32.67 | 2.723 | 17 19 28.9 | 11.038 | (296.) Ll. R. |
| 567 | 10 | 20 13 32.83 | 2.676 | 19 31 30.2 | 11.038 | (207.) |
| 568 | 9 | 20 13 38.63 | 2.749 | 16 5 26.8 | 11.045 | I. |
| 569 | 8 | 20 13 44.71 | 2.761 | 15 32 36.5 | 11 052 | II. |
| 570 | 10 | 20 13 48.61 | 2.675 | 19 33 5.9 | 11.057 | (305.) |
| 571 | 10 | 20 13 56.79 | 2.741 | 16 26 18.1 | 11.065 | (208.) R. |
| 572 | 9. 10 | 20 13 57.96 | 2.754 | 15 50 29.7 | 11.067 | III. |
| 573 | 10 | 20 14 22 86 | 2.741 | 16 27 47.0 | 11.097 | IV. |
| 574 | 10 | 20 14 27.45 | 2.723 | 17 19 54.3 | 11.101 | (296.) Ll. |
| 575 | 10 | 20 14 29.41 | 2.745 | 16 17 2.2 | 11.104 | (204.) R. |
| 576 | 8 | 20 14 46.50 | 2.684 | 19 11 18.2 | 11.124 | (297.) B. |
| 577 | 9. 10 | 20 14 47.12 | 2.675 | 19 37 22.5 | 11.125 | (305.) |
| 578 | 10 | 20 14 48 45 | 2.722 | 17 25 5.5 | 11.127 | (296.) |
| 579 | 9. 10 | 20 14 49.90 | 2.771 | 15 4 13.9 | 11.130 | (200.) |
| 580 | 10 | 20 14 58.96 | 2.720 | 17 31 27.8 | 11.141 | (296.) |
| 581 | 9 | 20 15 10.89 | 2.685 | 19 9 8.4 | 11.155 | (297.) B. |
| 582 | 9 | 20 15 19.13 | 2.754 | 15 54 15.8 | 11.165 | V. |
| 583 | 9 | 20 15 20.25 | 2 754 | 15 53 50.5 | 11.166 | (205.) |
| 584 | 8. 9 | 20 15 23.82 | 2.756 | 15 46 35.1 | 11.171 | VI. |
| 585 | 9. 10 | 20 15 24.19 | 2.668 | 19 53 7.8 | 11.171 | (305.) B. |
| 586 | 10 | 20 15 31.88 | 2.695 | 18 41 19.6 | 11.180 | (296.) B. R. |
| 587 | 9 | 20 15 33.36 | 2.682 | 19 17 55.7 | 11.182 | (297.) |
| 588 | 10 | 20 15 34.58 | 2.662 | 20 15 57.5 | 11.184 | (305.) B. |
| 589 | 8. 9 | 20 15 35.31 | 2.743 | 16 26 28.4 | 11.184 | VII. |
| 590 | 9. 10 | 20 15 52.61 | 2.701 | 18 27 28.3 | 11.207 | (296.) R. |

I. (204) -0.05 -2.5; (205) +0.06 +2.6. II. (203) -0.11 -3.9; (204) -0.18 +2.5; (300) +0.29 +1.4. III. (205) -0.36 +0.8; (206) +0.37 -0.7. IV. (206) -0.13 +5.1; (208) +0.02 -2.5; (300) +0.10 -2.7. V. (203) +0.08 +2.5; (204) +0.29 -4.4; (205) -0.40 +1.9; (300) +0.03 +0.2. VI. (204) 0.00 -0.8; (300) +0.01 +0.8. VII. (206) +0.03 +0.4; (208) -0.02 -0.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 591 | 9 | 20 16 0.01 | + 2.753 | +16 0 53.0 | + 11.215 | I. |
| 592 | 8 | 20 16 3.88 | 2.681 | 19 22 26.0 | 11.220 | (297.) B. |
| 593 | 9 | 20 16 20.47 | 2.742 | 16 30 44.9 | 11.239 | II. |
| 594 | 10 | 20 16 29.73 | 2.713 | 17 53 24.9 | 11.251 | (296.) B. |
| 595 | 9 | 20 16 29.88 | 2.663 | 20 13 10.8 | 11.251 | (305.) |
| 596 | 10 | 20 16 31.49 | 2.744 | 16 27 44.7 | 11.252 | III. |
| 597 | 10 | 20 16 52.09 | 2.707 | 18 12 48.4 | 11.277 | (296.) |
| 598 | 7. 8 | 20 17 0.26 | 2.763 | 15 34 0.8 | 11.287 | IV. Ll. R. |
| 599 | 9. 10 | 20 17 0.56 | 2.746 | 16 23 27.6 | 11.288 | V. |
| 600 | 9. 10 | 20 17 9.61 | 2 753 | 16 3 42.4 | 11.299 | (205.) |
| 601 | 9 | 20 17 22.78 | 2.727 | 17 16 29.0 | 11.315 | (209.) B. |
| 602 | 8. 9 | 20 17 28.81 | 2 745 | 16 23 47.1 | 11.322 | VI. R. |
| 603 | 10 | 20 17 32.25 | 2.772 | 15 8 10.9 | 11.325 | (202.) |
| 604 | 9 | 20 17 34.56 | 2.771 | 15 14 43.5 | 11.329 | VII. |
| 605 | 10 | 20 17 36.69 | 2.708 | 18 13 53.8 | 11.331 | (296.) |
| 606 | 8. 9 | 20 17 41.69 | 2.761 | 15 39 41.4 | 11.337 | VIII. Ll. |
| 607 | 9. 10 | 20 17 58.37 | 2.656 | 20 37 18.3 | 11.357 | (297.) B. |
| 608 | 10 | 20 18 0.37 | 2.686 | 19 14 21.1 | 11.359 | (305.) B. |
| 609 | 10 | 20 18 4.02 | 2.743 | 16 34 18.9 | 11.364 | (300.) |
| 610 | 9. 10 | 20 18 5 37 | 2.702 | 18 28 39.3 | 11.365 | (296.) B. |
| 611 | 10 | 20 18 23.38 | 2 762 | 15 40 11.9 | 11.387 | (205.) |
| 612 | 9 | 20 18 24.37 | 2.744 | 16 30 39.3 | 11.388 | IX. |
| 613 | 9. 10 | 20 18 33.73 | 2.775 | 15 3 36.3 | 11.400 | X. |
| 614 | 9. 10 | 20 18 46.32 | 2 667 | 20 10 5.3 | 11.414 | (305.) |

**I.** (203) +0.09 -2.6; (204) +0.17 +1.4; (205) -0.26 +1.3. **II.** (204) +0.27 +0.2; (206) -0.05 +0.2; (208) -0.22 -0.5. **III.** (208) -0.03 +0.5; (300) +0.04 -0.5. **IV.** (200) -0.20 +1.5; (203) +0.04 -4.0; (204) +0.17 +2.4. **V.** (208) +0.07 -1.7; (300) -0.07 +1.7. **VI.** (204) +0.47 -0.8; (206) -0.50 0.0; (208) +0.09 +1.5; (300) -0.04 -0.6. **VII.** (200) +0.19 +3.1; (201) -0.18 -0.6; (202) +0.19 -4.1; (203) -0.19 +1.6. **VIII.** (200) -0.03 +0.9; (203) +0.24 -1.3; (206) -0.20 +0.5. **IX.** (209) -0.54 +0.3; (300) +0.55 -0.3. **X.** (201) +0.71 +1.4; (202) -0.54 +0.7; (203) -0.16 -2.2.

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|---|---|---|---|---|---|---|
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| 615 | 7 | 20 19 2.49 | + 2.651 | +20 55 25.1 | + 11.433 | (297.) Ll. R. |
| 616 | 8 | 20 19 18 29 | 2.684 | 19 22 35.7 | 11.453 | (212.) B. R. |
| 617 | 9 | 20 19 20.72 | 2.669 | 20 5 43.7 | 11.456 | I. |
| 618 | 9. 10 | 20 19 22.95 | 2.749 | 16 18 32.0 | 11.459 | II. |
| 619 | 10 | 20 19 27.75 | 2.675 | 19 46 59.4 | 11.465 | (213.) |
| 620 | 8. 9 | 20 19 32.28 | 2.739 | 16 49 39.4 | 11.469 | (206.) Ll. B. |
| 621 | 9 | 20 19 35.50 | 2.772 | 15 13 59.8 | 11.473 | (201.) R. |
| 622 | 10 | 20 19 45.18 | 2.752 | 16 12 34.1 | 11.485 | (300.) |
| 623 | 9 | 20 19 51.72 | 2.765 | 15 33 49.7 | 11.493 | III. |
| 624 | 9 | 20 19 57.01 | 2.769 | 15 24 48.4 | 11.499 | (203.) |
| 625 | 9 | 20 19 57.38 | 2.747 | 16 26 58.0 | 11.499 | IV. Ll. |
| 626 | 10 | 20 20 9.18 | 2.757 | 15 59 10.0 | 11.514 | (300.) |
| 627 | 10 | 20 20 13.66 | 2.676 | 19 47 22.7 | 11.520 | (213.) |
| 628 | 8. 9 | 20 20 22.40 | 2.752 | 16 13 17.7 | 11.529 | V. Ll. |
| 629 | 9 | 20 20 26.43 | 2.708 | 18 20 27.0 | 11.534 | (296.) R. |
| 630 | 8 | 20 20 32.99 | 2.673 | 19 59 8.5 | 11.543 | (297.) B. |
| 631 | 10 | 20 20 34.36 | 2.739 | 16 54 54.8 | 11.544 | (209.) |
| 632 | 10 | 20 20 36.45 | 2.659 | 20 39 8.0 | 11.546 | (305.) |
| 633 | 10 | 20 20 38 09 | 2.680 | 19 49 28.5 | 11.549 | (213.) B. |
| 634 | 9 | 20 20 39.07 | 2.705 | 18 28 33.3 | 11.550 | (296.) B. R. |
| 635 | 9 | 20 20 42.30 | 2.684 | 19 35 23.1 | 11.553 | (297.) B. |
| 636 | 10 | 20 20 50.25 | 2.705 | 18 31 42.4 | 11.563 | (296.) B. R. |
| 637 | 9 | 20 20 50.62 | 2.692 | 19 7 31.7 | 11.564 | VI. |
| 638 | 9 | 20 20 55.87 | 2.739 | 16 53 26.1 | 11.570 | (209.) R. |
| 639 | 10 | 20 21 0.59 | 2.706 | 18 27 10.3 | 11.576 | (296.) |
| 640 | 10 | 20 21 2.91 | 2.652 | 20 58 51.0 | 11.579 | (305.) B. |
| 641 | 9 | 20 21 12.13 | 2.749 | 16 24 9.1 | 11.589 | (205.) |

I. (297) +0.05 -2.5; (305) -0.04 +2.5. II. (205) +0.20 +1.0; (300) -0.20 -0.9. III. (200) 0.00 +2.7; (204) 0.00 -2.6. IV. (205) -0.10 -0.7; (206) +0.03 -0.6; (209) +0.07 +1.3. V. (204) -0.23 +0.9; (206) -0.19 +0.6; (300) +0.43 -1.4. VI. (212) +0.14 -1.6; (214) -0.13 +1.7.

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|---|---|---|---|---|---|---|
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| 642 | 10 | 20 21 19.70 | + 2.764 | +15 42 24.1 | + 11.598 | (300.) |
| 643 | 9 | 20 21 24.11 | 2.689 | 19 16 9.2 | 11.603 | I. R. |
| 644 | 9 | 20 21 25.46 | 2.751 | 16 18 14.7 | 11.604 | (205.) |
| 645 | 9 | 20 21 26.69 | 2.654 | 20 53 48.3 | 11.606 | (305.) B. |
| 646 | 10 | 20 21 30.72 | 2.739 | 16 51 56.0 | 11.611 | (209) |
| 647 | 9. 10 | 20 21 34.43 | 2.697 | 18 56 28.3 | 11.615 | (296.) B. |
| 648 | 10 | 20 21 38.52 | 2.755 | 16 9 53.7 | 11.621 | (206.) |
| 649 | 8 | 20 21 48.26 | 2.683 | 19 37 4.4 | 11.632 | II. |
| 650 | 10 | 20 21 52.90 | 2.763 | 15 47 32.4 | 11.638 | (300.) |
| 651 | 10 | 20 22 0.52 | 2.749 | 16 26 29.5 | 11.647 | (205.) |
| 652 | 9 | 20 22 3.11 | 2.655 | 20 54 47.6 | 11.650 | (305.) B. |
| 653 | 8. 9 | 20 22 8.53 | 2.764 | 15 45 30.2 | 11.657 | III. Ll. R. |
| 654 | 9 | 20 22 9.09 | 2.748 | 16 29 21.1 | 11.657 | IV. |
| 655 | 9. 10 | 20 22 14.75 | 2.763 | 15 46 37.7 | 11.664 | V. Ll. R. |
| 656 | 10 | 20 22 17.84 | 2.756 | 16 7 51.6 | 11.668 | (206.) |
| 657 | 9 | 20 22 21.24 | 2.775 | 15 9 41.5 | 11.670 | (201.) R. |
| 658 | 10 | 20 22 28.11 | 2.693 | 19 9 29.9 | 11.679 | (296.) |
| 659 | 7. 8 | 20 22 38.78 | 2.684 | 19 35 25.8 | 11.692 | VI. |
| 660 | 10 | 20 22 52.01 | 2.763 | 15 50 33.7 | 11.707 | VII. |
| 661 | 10 | 20 22 53.55 | 2.700 | 18 50 17.6 | 11.710 | (296.) |
| 662 | 9 | 20 23 8.16 | 2.673 | 20 6 25.8 | 11.727 | VIII. B. |
| 663 | 9. 10 | 20 23 8.35 | 2.772 | 15 25 39.2 | 11.727 | (200.) |
| 664 | 10 | 20 23 19.17 | 2.767 | 15 37 37.9 | 11.740 | (300.) |
| 665 | 8 | 20 23 20.49 | 2.694 | 19 10 7.6 | 11.740 | IX. Ll. B. |

I. (212) -0.13 -1.8; (214) +0.17 +0.1; (297) -0.03 +1.7. II. (213) +0.08 -2.2; (214) +0.08 +1.1; (297) -0.17 +1.1. III. (203) +0.22 -2.5; (204) +0.20 -0.1; (206) -0.17 +2.4; (300) -0.23 +0.2. IV. (205) -0.01 +1.9; (208) -0.13 -1.6; (209) +0.15 -0.4. V. (203) +0.27 0.0; (204) +0.05 -0.6; (300) -0.31 +0.7. VI. (212) +0.02 -1.2; (213) -0.12 -1.3; (214) +0.26 +1.7; (297) -0.14 +1.0. VII. (203) +0.22 -1.4; (204) -0.03 -3.6; (206) -0.08 +3.8; (300) -0.09 +1.1. VIII. (214) +0.25 -0.7; (297) -0.16 -1.2; (305) -0.09 +1.8. IX. (212) +0.06 +1.3; (213) -0.14 -2.6; (305) +0.09 +1.2.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 666 | 9 | 20 23 22.54 | + 2.698 | +18 55 47.9 | + 11.744 | (296.) B. R. |
| 667 | 9 | 20 23 26.80 | 2.748 | 16 34 17.6 | 11.748 | I. |
| 668 | 8 | 20 23 29.42 | 2.698 | 18 55 14.3 | 11.751 | II. Ll. B. R. |
| 669 | 10 | 20 23 ~~17.99~~ | 2.771 | 15 26 24.4 | 11.774 | III. |
| 670 | 9 | 20 23 49.17 | 2.743 | 16 49 37.2 | 11.775 | (208.) B. |
| 671 | 10 | 20 23 59.42 | 2.677 | 19 58 1.3 | 11.787 | (305.) R. |
| 672 | 7. 8 | 20 24 9.83 | 2.748 | 16 34 26.4 | 11.800 | IV. Ll. R. |
| 673 | 7. 8 | 20 24 10.02 | 2.775 | 15 18 22.4 | 11.800 | V. R. |
| 674 | 7. 8 | 20 24 15.84 | 2.675 | 20 6 7.9 | 11.807 | VI. R. |
| 675 | 10 | 20 24 16.66 | 2.685 | 19 37 15.2 | 11.808 | (213.) B. |
| 676 | 9 | 20 24 18.82 | 2.737 | 17 7 59.3 | 11.811 | (209.) |
| 677 | 10 | 20 24 21.36 | 2.761 | 15 58 2.6 | 11.812 | (300.) |
| 678 | 10 | 20 24 21.64 | 2.716 | 18 10 8.2 | 11.813 | (296.) |
| 679 | 10 | 20 24 31.46 | 2.766 | 15 45 38.6 | 11.824 | VII. |
| 680 | 9 | 20 24 36.16 | 2.739 | 17 5 57.2 | 11.830 | (209.) |
| 681 | 9. 10 | 20 24 50.~~77~~ | 2.685 | 19 40 ~~14.9~~ | 11.848 | VIII. B. |
| 682 | 9 | 20 24 59.00 | 2.773 | 15 24 32.5 | 11.858 | IX. R. |
| 683 | 9 | 20 24 59.16 | 2.751 | 16 29 18.8 | 11.858 | (206) Ll. R. |
| 684 | 10 | 20 25 10.16 | 2.756 | 16 14 18.2 | 11.871 | (300.) |
| 685 | 9 | 20 25 14.22 | 2.774 | 15 22 42.8 | 11.876 | X. R. |
| 686 | 9 | 20 25 20.27 | 2.718 | 18 7 21.6 | 11.882 | (296.) B. |
| ~~687~~ | ~~9. 10~~ | ~~20 25 21.37~~ | ~~2.685~~ | ~~19 40 14.9~~ | ~~11.883~~ | ~~(214.)~~ |
| 688 | 10 | 20 25 29.23 | 2.716 | 18 12 9.7 | 11.893 | (296.) |
| 689 | 10 | 20 25 32.84 | 2.670 | 20 26 16.9 | 11.898 | (305.) |
| 690 | 9 | 20 25 33.85 | 2.672 | 20 21 17.8 | 11.899 | XI. B. |

I. (205) +0.01 +0.5; (208) -0.04 -0.5; (209) +0.03 +0.9. II. (212) +0.06 +0.5; (296) -0.05 -0.5. III. (202) +3.36 -0.6; (204) -3.36 +0.6. IV. (205) -0.01 -1.6; (208) +0.01 +0.2; (209) -0.01 +1.4. V. (200) +0.01 +2.1; (203) +0.15 -1.9; (204) -0.17 -0.3. VI. (214) +0.11 -1.3; (297) -0.12 +0.1; (305) 0.00 +1.1. VII. (206) 0.00 +0.3; (300) 0.00 -0.3. VIII. (212) +0.16 -1.3; (213) +0.06 -0.5; (297) -0.22 +1.7. IX. (200) -0.09 +4.2; (203) +0.16 -1.4; (204) -0.08 -2.7. X. (200) -0.05 +1.3; (203) -0.06 -1.4; (204) +0.12 +0.1. XI. (297) -0.08 -2.9; (305) +0.09 +3.0.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 691 | 8. 9 | 20 25 44.13 | + 2.782 | +15 0 10.7 | + 11.911 | I. R. |
| 692 | 9 | 20 25 50.03 | 2.757 | 16 15 48.5 | 11.917 | (300.) Ll. R. |
| 693 | 10 | 20 25 56.03 | 2.753 | 16 27 37.1 | 11.924 | II. |
| 694 | 9 | 20 26 3.14 | 2.775 | 15 23 52.2 | 11.933 | III. |
| 695 | 10 | 20 26 3.27 | 2.732 | 17 32 5.1 | 11.933 | (296.) |
| 696 | 10 | 20 26 5.02 | 2.698 | 19 5 55.3 | 11.935 | (212.) |
| 697 | 9. 10 | 20 26 5.70 | 2.748 | 16 43 9.1 | 11.936 | IV. Ll. |
| 698 | 7. 8 | 20 26 10.87 | 2.684 | 19 46 46.9 | 11.942 | (213.) B. |
| 699 | 9 | 20 26 11.55 | 2.772 | 15 30 43.9 | 11.943 | V. |
| 700 | 9. 10 | 20 26 16.35 | 2.745 | 16 50 28.9 | 11.948 | VI. Ll. R. |
| 701 | 9. 10 | 20 26 42.61 | 2.735 | 17 23 36.9 | 11.980 | VII. |
| 702 | 10 | 20 26 44.98 | 2.744 | 16 55 8.6 | 11.982 | (300.) |
| 703 | 9 | 20 26 54.72 | 2.778 | 15 16 8.8 | 11.993 | VIII. R. |
| 704 | 10 | 20 26 55.63 | 2.743 | 17 0 53.3 | 11.994 | IX. |
| 705 | 9 | 20 26 55.74 | 2.668 | 20 35 54.0 | 11.994 | X. Ll. B. |
| 706 | 10 | 20 27 0.12 | 2.668 | 20 36 8.5 | 11.999 | XI. B. |
| 707 | 9. 10 | 20 27 9.96 | 2.736 | 17 19 50.6 | 12.011 | XII. |
| 708 | 8. 9 | 20 27 11.67 | 2.777 | 15 18 46.9 | 12.013 | (203.) R. |
| 709 | 10 | 20 27 23.02 | 2.743 | 16 58 32.9 | 12.026 | (300.) |
| 710 | 8 | 20 27 23.52 | 2.692 | 19 26 24.0 | 12.027 | (213.) R. |
| 711 | 8. 9 | 20 27 24.67 | 2.736 | 17 20 26.2 | 12.028 | XIII. R. |
| 712 | 8. 9 | 20 27 29.08 | 2.670 | 20 28 26.8 | 12.033 | (297.) Ll. B. R. |
| 713 | 8 | 20 27 31.00 | 2.702 | 19 1 4.5 | 12.035 | XIV. |
| 714 | 9 | 20 27 32.61 | 2.751 | 16 37 43.0 | 12.038 | (206.) Ll. |

I. (201) -0.16 -1.9; (203) +0.16 +1.9. II. (209) +0.11 +4.4; (300) -0.10 -4.4. III. (203) +0.13 -0.5; (204) -0.02 +0.7. IV. (205) -0.04 +1.1; (206) +0.12 +0.9; (300) -0.07 -2.1. V. (203) -0.09 -0.3; (204) +0.09 +0.3. VI. (206) +0.29 +1.6; (300) -0.28 -1.5. VII. (208) -0.06 -2.2; (296) +0.05 +2.2. VIII. (203) +0.06 0.0; (204) -0.05 0.0. IX. (206) 0.00 +3.0; (209) -0.19 -2.3; (300) +0.18 -0.6. X. (297) -0.12 -2.2; (305) +0.12 +2.2. XI. (297) -0.06 -0.7; (305) +0.07 +0.7. XII. (208) -0.25 -0.5; (296) +0.25 +0.6. XIII. (208) +0.05 +2.4; (209) +0.02 -5.6; (296) -0.06 +3.1. XIV. (212) 0.00 +3.4; (214) +0.01 -3.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 715 | 8. 9 | 20 27 39.92 | + 2.684 | +19 54 53.0 | + 12.046 | I. |
| 716 | 10 | 20 27 54.19 | 2.746 | 16 54 52.1 | 12.062 | (300.) |
| 717 | 10 | 20 27 56.41 | 2.724 | 18 0 52.3 | 12.064 | (296.) |
| 718 | 6 | 20 28 ~~7.88~~ | ~~2.780~~ | ~~15 49 27.4~~ | 12.079 | (202.) |
| 719 | 10 | 20 28 19 32. | 2.724 | 18 0 10.5 | 12.092 | (296.) |
| 720 | 9. 10 | 20 28 27.52 | 2.750 | 16 42 58.9 | 12.102 | II. |
| 721 | 9 | 20 28 29 89 | 2.703 | 19 0 49.5 | 12.104 | III. B. |
| 722 | 10 | 20 28 32.35 | 2.777 | 15 25 9.2 | 12.106 | (204.) |
| 723 | 9. 10 | 20 28 34.81 | 2.680 | 20 9 48.2 | 12.110 | IV. B. |
| 724 | 10 | 20 28 35.33 | 2.752 | 16 38 40.9 | 12.110 | (300.) |
| 725 | 9 | 20 28 43.08 | 2.771 | 15 41 57.3 | 12.120 | V. |
| 726 | 9. 10 | 20 28 59.54 | 2.720 | 18 13 53.2 | 12.139 | VI. B. |
| 727 | 10 | 20 29 19.31 | 2.717 | 18 24 25.5 | 12.162 | (296.) |
| 728 | 8 | 20 29 21.84 | 2.759 | 16 17 49.8 | 12.164 | VII. Ll. R. |
| 729 | 8 | 20 29 32.14 | 2.712 | 18 40 25.3 | 12.176 | (212.) |
| 730 | 9 | 20 29 34.65 | 2.718 | 18 24 25.7 | 12.180 | (211.) B. |
| 731 | 9 | 20 29 40.77 | 2.683 | 20 4 56.3 | 12.187 | (214.) B. |
| 732 | 9. 10 | 20 29 41.84 | 2.753 | 16 37 45.9 | 12.188 | VIII. R. |
| 733 | 9. 10 | 20 29 46.61 | 2.762 | 16 11 42.9 | 12.194 | IX. Ll. R. |
| 734 | 9 | 20 29 49.21 | 2.688 | 19 50 45.3 | 12.197 | (213.) B. |
| 735 | 9 | 20 29 49.77 | 2.687 | 19 54 31.7 | 12.197 | (213.) B. |
| 736 | 9 | 20 29 52.26 | 2.731 | 17 45 27.8 | 12.199 | (209.) |
| 737 | 9 | 20 29 53.65 | 2.775 | 15 32 17.3 | 12.202 | (201.) |
| 738 | 10 | 20 29 55.66 | 2.723 | 18 9 4.7 | 12.204 | (211.) |
| 739 | 9. 10 | 20 30 3.65 | 2.775 | 15 33 37.9 | 12.214 | (200.) |
| 740 | 10 | 20 30 17.38 | 2.720 | 18 18 13.6 | 12.228 | X. B. |

I. (213) -0.05 -1.0; (297) +0.06 +1.1. II. (208) -0.20 +1.0; (300) +0.21 -0.9. III. (212) -0.21 -2.1; (214) +0.21 +2.1. IV. (214) 0.00 -0.5; (305) +0.01 +0.5. V. (203) +0.13 -0.7; (206) -0.13 +0.7. VI. (211) 0.00 -0.8; (296) +0.01 +0.9. VII. (204) +0.06 -0.9; (206) +0.08 +1.0; (300) -0.13 -0.1. VIII. (208) +0.01 -0.3; (300) -0.01 +0.4. IX. (204) +0.51 -0.3; (208) -0.25 +0.5; (300) -0.27 -0.1. X. (211) +0.03 +2.0; (296) -0.03 -1.9.

718 = 5 Delphini

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 741 | 9. 10 | 20 30 18.98 | + 2.766 | +16 1 58.0 | + 12.231 | I. |
| 742 | 9 | 20 30 20.15 | 2.688 | 19 49 45 9 | 12.232 | II. B. |
| 743 | 9 | 20 30 41.83 | 2.760 | 16 22 31.2 | 12.257 | III. |
| 744 | 9 | 20 30 48.46 | 2.689 | 19 19 2.6 | 12.265 | IV. B. |
| 745 | 10 | 20 30 53.48 | 2.774 | 15 40 22.5 | 12.270 | (300.) |
| 746 | 8 | 20 30 54.18 | 2.716 | 18 32 58.0 | 12.271 | (212.) B. |
| 747 | 10 | 20 30 57.38 | 2.779 | 15 24 57.2 | 12.274 | (300.) |
| 748 | 10 | 20 30 58.65 | 2.691 | 19 44 29.0 | 12.277 | (215.) |
| 749 | 10 | 20 30 59.54 | 2 751 | 16 48 47.6 | 12.278 | (204.) |
| 750 | 9 | 20 31 1.12 | 2.715 | 18 35 25.7 | 12.279 | (212.) B. R. |
| 751 | 6 | 20 31 2.12 | 2.752 | 17 44 39.6 | 12.280 | (209.) |
| 752 | 10 | 20 31 8.60 | 2.752 | 17 44 46 6 | 12.289 | (209.) |
| 753 | 10 | 20 31 10.57 | 2.721 | 18 17 48.0 | 12.290 | (296.) |
| 754 | 10 | 20 31 13.50 | 2.753 | 16 42 23.1 | 12 293 | (206.) |
| 755 | 9. 10 | 20 31 14.09 | 2.749 | 16 55 19.7 | 12.294 | V. |
| 756 | 10 | 20 31 16.44 | 2.781 | 15 17 47.3 | 12.296 | (300.) |
| 757 | 9 | 20 31 25.25 | 2.721 | 18 17 26.0 | 12.307 | VI. B. |
| 758 | 9. 10 | 20 31 41.37 | 2.720 | 18 20 38.9 | 12.325 | VII. B. |
| 759 | 9 | 20 31 48.92 | 2.718 | 18 30 39.8 | 12.335 | VIII. B. |
| 760 | 6 | 20 31 49.63 | 2.673 | 20 40 43.1 | 12.335 | (305.) |
| 761 | 10 | 20 31 51.64 | 2.762 | 16 19 5.2 | 12.337 | (205.) |
| 762 | 9 | 20 31 58.39 | 2.689 | 19 53 14.8 | 12.345 | IX. B. |
| ~~763~~ | ~~7~~ | ~~20 32 7.48~~ | ~~2.780~~ | ~~15 18 18.6~~ | ~~12.355~~ | ~~(204.) Ll. R.~~ |
| 764 | 7. 8 | 20 32 7.78 | 2.780 | 15 18 30.9 | 12.357 | X. Ll. R. |
| 765 | 9. 10 | 20 32 16.25 | 2.773 | 15 48 12.9 | 12.365 | (202.) |
| 766 | 8 | 20 32 17.33 | 2.742 | 17 20 29.1 | 12.366 | XI. |

I. (203) +0.16 +0.6; (204) -0.03 -1.9; (206) +0.10 +1.7; (300) -0.21 -0.3.
II. (213) -0.37 -1.7; (214) +0.38 +1.8. III. (206) +0.16 +2.4; (208) -0.15 -2.3.
IV. (213) -0.21 -1.6; (214) +0.21 +1.7. V. (206) +0.09 +1.6; (208) -0.08 -1.5.
VI. (211) -0.05 -0.1; (296) +0.05 +0.1. VII. (211) -0.11 +0.6; (296) +0.12 -0.6.
VIII. (212) +0.10 +2.3; (296) -0.09 -2.2. IX. (213) -0.19 -1.1; (214) +0.20 +1.2.
X. (203) +0.25 -1.5; (300) -0.24 +1.6. XI. (208) -0.01 -0.9; (209) +0.01 +0.9.

64 x 16

763 Dul + von Tkl + 22.9 ausgegangen 764 - 768 M.l

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 767 | 8. 9 | 20 32 20.99 | + 2.707 | +19 2 4.7 | + 12.371 | I. |
| 768 | 5 | 20 32 40.35 | 2.782 | 15 23 8.6 | 12.393 | II. Ll. R. |
| 769 | 9 | 20 32 40.71 | 2.721 | 18 25 19.8 | 12.394 | (211.) B. |
| 770 | 10 | 20 32 42.16 | 2.673 | 20 43 21.6 | 12.395 | (305.) |
| 771 | 9. 10 | 20 32 43.99 | 2.717 | 18 36 9.7 | 12.398 | (212.) B. |
| 772 | 9 | 20 32 44.17 | 2.714 | 18 43 42.1 | 12.398 | (212.) |
| 773 | 10 | 20 32 51.47 | 2.675 | 20 40 52.4 | 12.405 | (305.) |
| 774 | 8 | 20 32 54.39 | 2.693 | 19 46 27.7 | 12.409 | (213.) |
| 775 | 10 | 20 33 16.22 | 2.691 | 19 51 10.9 | 12.434 | (213.) |
| 776 | 9 | 20 33 19.54 | 2.711 | 18 53 38.7 | 12.439 | (214.) |
| 777 | 9 | 20 33 23.02 | 2.750 | 16 59 29.7 | 12.443 | (205.) B. |
| 778 | 9 | 20 33 23.16 | 2.783 | 15 20 58.1 | 12.443 | (200.) B. |
| 779 | 9 | 20 33 34.42 | 2.762 | 16 24 45.4 | 12.455 | (208.) |
| 780 | 9 | 20 33 35.78 | 2.762 | 16 24 52.9 | 12.457 | (208.) |
| 781 | 8. 9 | 20 33 36.62 | 2.788 | 15 6 39.2 | 12.458 | (203.) Ll. |
| 782 | 10 | 20 33 38.64 | 2.695 | 19 44 59.1 | 12.461 | (212.) |
| 783 | 9. 10 | 20 33 39.21 | 2.781 | 15 26 39.5 | 12.461 | III. |
| 784 | 7 | 20 33 49.42 | 2.676 | 20 40 37.4 | 12.473 | (297.) |
| 785 | 7 | 20 33 58.55 | 2.702 | 19 23 34.2 | 12.484 | (214.) Ll. B. |
| 786 | 10 | 20 33 59.89 | 2.672 | 20 56 26.8 | 12.485 | (305.) |
| 787 | 7. 8 | 20 34 1.19 | 2.750 | 17 2 26.2 | 12.486 | IV. B. |
| 788 | 10 | 20 34 10.80 | 2.717 | 18 37 53.0 | 12.497 | (212.) |
| 789 | 9 | 20 34 20.58 | 2.737 | 17 40 22.1 | 12.509 | (211.) |
| 790 | 10 | 20 34 24.87 | 2.741 | 17 30 32.6 | 12.514 | (211.) |
| 791 | 10 | 20 34 26.91 | 2.693 | 19 51 15.1 | 12.516 | (213.) |
| 792 | 9 | 20 34 43.25 | 2.754 | 16 53 24.2 | 12.534 | V. B. |
| 793 | 10 | 20 34 58.13 | 2.713 | 18 54 51.8 | 12.552 | (212.) |

I. (214) +0.21 +2.3; (296) -0.21 -2.2. II. (201) -0.05 -0.8; (203) -0.05 0.0; (204) +0.25 +0.6; (300) -0.16 +0.2. III. (201) -0.03 +0.1; (203) +0.04 -0.1. IV. (205) -0.26 +1.3; (206) +0.05 +0.2; (209) +0.22 -1.4. V. (206) +0.06 +1.1; (209) -0.06 -1.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 794 | 10 | 20 34 58.42 | + 2.765 | +16 21 38.9 | + 12.552 | (300.) |
| 795 | 7. 8 | 20 34 58.55 | 2.687 | 20 10 59.8 | 12.553 | (214.) |
| 796 | 10 | 20 34 59.75 | 2.696 | 19 45 16.7 | 12.553 | (213.) |
| 797 | 9 | 20 35 4.40 | 2.712 | 18 59 15.5 | 12.558 | (212.) Ll. B. |
| 798 | 7 | 20 35 5.08 | 2.752 | 16 59 11.6 | 12.559 | I. Ll. B. |
| 799 | 9 | 20 35 10.42 | 2.688 | 20 9 15.6 | 12.564 | (214.) |
| 800 | 10 | 20 35 11.81 | 2.766 | 16 16 51.9 | 12.566 | II. |
| 801 | 9 | 20 35 23.10 | 2.780 | 15 34 38.3 | 12.580 | III. |
| 802 | 8 | 20 35 24.16 | 2.710 | 19 5 40.6 | 12.581 | (212.) Ll. B. |
| 803 | 10 | 20 35 38.29 | 2.781 | 15 34 37.4 | 12.597 | (203.) |
| 804 | 9. 10 | 20 35 40.45 | 2.781 | 15 35 36.4 | 12.598 | IV. |
| 805 | 9. 10 | 20 35 56.03 | 2.753 | 17 0 15.1 | 12.617 | V. |
| 806 | 10 | 20 35 56.18 | 2.760 | 16 37 49.6 | 12.617 | (300.) |
| 807 | 10 | 20 36 1.37 | 2.674 | 20 52 54.4 | 12.622 | (305.) |
| 808 | 9 | 20 36 7.00 | 2.686 | 20 19 30.1 | 12.629 | (305.) R. |
| 809 | 10 | 20 36 9.26 | 2.762 | 16 33 56.4 | 12.632 | VI. |
| 810 | 10 | 20 36 11.17 | 2.762 | 16 33 4.9 | 12.633 | (206.) |
| 811 | 10 | 20 36 24.86 | 2.760 | 16 40 20.8 | 12.650 | (300.) |
| 812 | 9 | 20 36 29.44 | 2.715 | 18 54 22.4 | 12.655 | (212.) |
| 813 | 9. 10 | 20 36 32.68 | 2.766 | 16 24 26.8 | 12.659 | (205.) |
| 814 | 10 | 20 36 36.51 | 2.777 | 15 47 24.7 | 12.663 | (204.) |
| 815 | 9. 10 | 20 36 55.10 | 2.720 | 18 41 56.4 | 12.684 | (212.) |
| 816 | 9 | 20 37 1.70 | 2.720 | 18 40 47.9 | 12.691 | (212.) B. |
| 817 | 8 | 20 37 5.01 | 2.741 | 17 39 32.5 | 12.696 | (207.) |
| 818 | ? | 20 37 6.22 | 2.753 | 17 1 59.5 | 12.696 | VII. |
| 819 | 10 | 20 37 15.71 | 2.778 | 15 47 58.6 | 12.707 | (204.) |
| 820 | 9 | 20 37 16.54 | 2.718 | 18 49 29.3 | 12.708 | (214.) B. |

I. (205) +0.75 +1.2; (206) -0.66 +0.1; (208) +0.13 -1.9; (209) -0.20 +0.8.
II. (204) +0.15 +2.1; (300) -0.14 -2.0. III. (201) +0.06 +1.5; (204) -0.06 -1.4.
IV. (203) +0.22 -1.3; (204) -0.21 +1.3. V. (205) 0.00 +3.4; (208) +0.01 -3.3.
VI. (206) +0.01 -2.1; (300) 0.00 +2.1. VII. (208) +0.13 -2.8; (209) +0.10 -0.7;
(210) -0.10 +2.8; (300) -0.13 +0.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 821 | 10 | 20 37 25.39 | + 2.745 | +17 27 32 3 | + 12.718 | (211.) |
| 822 | 10 | 20 37 37.99 | 2.738 | 17 51 7.7 | 12.733 | (211.) |
| 823 | 10 | 29 37 41.58 | 2.757 | 16 54 54.4 | 12.736 | (210.) |
| 824 | 8. 9 | 20 37 43.13 | 2.716 | 18 58 31.5 | 12.738 | (214.) B. |
| 825 | 10 | 20 37 48.61 | 2.740 | 17 44 22.3 | 12.745 | (211.) |
| 826 | 10 | 20 37 50.20 | 2.761 | 16 42 5.1 | 12.746 | I. |
| 827 | 9 | 20 38 0.25 | 2.712 | 19 16 31.7 | 12 757 | II. B. |
| 828 | 8. 9 | 20 38 2.51 | 2.696 | 19 57 3.4 | 12.759 | (305.) Ll. B. |
| 829 | 9 | 20 38 18.81 | 2.740 | 17 45 3.0 | 12.779 | (211.) |
| 830 | 9. 10 | 20 38 20.68 | 2.745 | 17 29 35.4 | 12.780 | III. |
| 831 | 9. 10 | 20 38 31.59 | 2.744 | 17 36 55.2 | 12.792 | IV. |
| 832 | 7 | 20 38 36.22 | 2.746 | 17 33 51.1 | 12.797 | V. |
| 833 | 9 | 20 38 53.84 | 2.707 | 19 28 17.7 | 12.818 | (214) |
| 834 | 9. 10 | 20 38 55.80 | 2.774 | 16 4 41.4 | 12.820 | VI. |
| 835 | 9. 10 | 20 39 7.18 | 2.691 | 20 14 51 3 | 12.832 | (305.) B. |
| 836 | 10 | 20 39 7.31 | 2.743 | 17 41 19.7 | 12 832 | VII. B. |
| 837 | 10 | 20 39 10.75 | 2 778 | 15 53 44.8 | 12.836 | (300.) R. |
| 838 | 9 | 20 39 13.78 | 2.788 | 15 21 35.1 | 12.840 | (204.) B. R. |
| ~~839~~ | ~~9~~ | ~~20 39 25.39~~ | ~~2.743~~ | ~~17 40 12.1~~ | ~~12.852~~ | (207.) |
| 840 | 9 | 20 39 28.22 | 2.749 | 17 22 15.4 | 12.856 | VIII. B. |
| 841 | 10 | 20 39 29.41 | 2.777 | 15 57 59.8 | 12.857 | IX. |
| 842 | 8. 9 | 20 39 40 28 | 2.770 | 16 21 34.0 | 12.868 | (205.) |
| ~~843~~ | ~~9~~ | ~~20 39 54.09~~ | ~~2.748~~ | ~~17 37 24.4~~ | ~~12.883~~ | (207.) |
| 844 | 9 | 20 39 58.26 | 2.706 | 19 34 39.8 | 12.890 | X. B. |
| 845 | 10 | 20 40 17.89 | 2.713 | 19 15 42.1 | 12.910 | (212.) |

I. (206) +0.04 +3.9; (300) -0.04 -3.8. II. (214) +0 16 +1.8; (305) -0.15 -1.7. III. (208) +0.01 -1.2; (209) +0.35 +0.2; (210) -0.35 +1.1. IV. (208) -0.36 -1.5; (209) +0.14 +0.9; (210) +0.21 +0.6. V. (208) -0.04 +0.2; (209) +0.20 +0.1; (210) -0.16 -0.3. VI. (203) -0.29 +0.3; (205) +0.52 -1.3; (206) +0.04 +1.4; (300) -0.23 -0.4. VII. (210) -0.01 -2.8; (211) +0.01 +2.8. VIII. (208) +0 03 -2 5; (210) +0.03 +2.5. IX. (203) +0.11 -0.2; (300) -0.10 +0 2. X. (212) +0.09 -3.1; (214) +0.16 -0.4; (305) -0.24 +3.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 846 | 9 | 20 40 18.55 | + 2.776 | +16 2 54.1 | + 12.910 | I. |
| 847 | 9. 10 | 20 40 21.79 | 2.778 | 15 57 29.0 | 12.915 | II. |
| 848 | 9 | 20 40 22.82 | 2.749 | 17 25 58.2 | 12.916 | III. B. |
| 849 | 9 | 20 40 34.90 | 2.747 | 17 31 15.8 | 12.929 | (208.) |
| 850 | 9 | 20 40 39.41 | 2.784 | 15 41 28.9 | 12.933 | IV. Ll. |
| 851 | 10 | 20 40 48.24 | 2.741 | 17 52 51.9 | 12.943 | (210.) |
| 852 | 8 | 20 40 50.38 | 2.774 | 16 13 14.9 | 12.947 | (300.) |
| 853 | 10 | 20 41 5.99 | 2.710 | 19 28 0.3 | 12.964 | (305.) B. |
| 854 | 10 | 20 41 6.46 | 2.702 | 19 51 21.9 | 12.964 | (305.) |
| 855 | 8 | 20 41 19.67 | 2.760 | 16 59 31.6 | 12.979 | (207.) |
| 856 | 9 | 20 41 21.42 | 2.710 | 19 27 57.9 | 12.981 | (214.) |
| 857 | 9 | 20 41 25.97 | 2.742 | 17 50 36.8 | 12.986 | V. R. |
| 858 | 9 | 20 41 28.12 | 2.776 | 16 4 0.9 | 12.988 | (300.) |
| 859 | 10 | 20 41 34.17 | 2.781 | 15 53 8.5 | 12.995 | VI. |
| 860 | 9 | 20 41 40.19 | 2.687 | 20 40 58.5 | 13.002 | (305.) Ll. |
| 861 | 8 | 20 41 43.44 | 2.754 | 17 17 26.4 | 13.005 | (209.) B. R. |
| 862 | 8 | 20 41 54.03 | 2.754 | 17 18 3.6 | 13.018 | (209.) B. R. |
| 863 | 9. 10 | 20 41 54.17 | 2.783 | 15 46 58.5 | 13.018 | (200.) |
| 864 | 9 | 20 41 55.62 | 2.714 | 19 18 31.1 | 13.020 | (212.) B. R. |
| 865 | 10 | 20 41 59.95 | 2.760 | 16 59 32.4 | 13.025 | (207.) |
| 866 | 9 | 20 42 6.08 | 2.784 | 15 44 30.8 | 13.031 | VII. Ll. |
| 867 | 9 | 20 42 28.24 | 2.741 | 17 56 6.2 | 13.055 | (210) B. R. |
| 868 | 8. 9 | 20 42 37.34 | 2.791 | 15 26 16.1 | 13.065 | VIII. Ll. R. |
| 869 | 9 | 20 42 45.11 | 2.794 | 15 19 12.2 | 13.074 | IX. Ll. |

I. (203) +0.03 +0.9; (300) -0.03 -0.8. II. (203) -0.09 +2.0; (205) -0.37 -1.1; (206) 0.00 +0.9; (201) +0.12 —; (300) +0.36 -1.7. III. (208) +0.04 0.0; (209) -0.03 0.0. IV. (204) +0.07 -0.3; (205) -1.29 -1.7; (206) +1.21 +1.9. V. (209) -0.18 -1.7; (210) +0.18 +1.8. VI. (204) -0.17 -1.2; (206) +0.18 +1.2. VII. (203) +0.39 -2.0; (204) -0.28 -0.8; (205) -0.06 +1.6; (206) -0.11 +1.5; (300) +0.08 -1.2. VIII. (201) -0.28 -1.0; (203) +0.27 -2.0; (204) -0.25 +0.6; (300) +0.28 +2.3. IX. (201) -0.32 +0.1; (203) +0.31 -1.7; (204) -0.21 -0.4; (300) +0.21 +2.2.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 870 | 10 | 20 42 53.35 | + 2.744 | +17 51 7.3 | + 13.083 | (210.) |
| 871 | 10 | 20 43 8.46 | 2.772 | 16 25 47.5 | 13.099 | (205.) R. |
| 872 | 9. 10 | 20 43 14.11 | 2.715 | 19 21 33.7 | 13.106 | I. R. |
| ~~873~~ | ~~9~~ | ~~20 43 27.86~~ | ~~2.766~~ | ~~17 4 9.7~~ | ~~13.121~~ | ~~(207.)~~ |
| 874 | 10 | 20 43 32.04 | 2.753 | 17 28 19.2 | 13.126 | (209.) R. |
| 875 | 8 | 20 43 43.27 | 2.753 | 17 29 37.8 | 13.138 | II. R. |
| 876 | 9. 10 | 20 43 44.95 | 2.774 | 16 22 54.1 | 13.140 | (300.) |
| ~~877~~ | ~~8~~ | ~~20 43 46.27~~ | ~~2.764~~ | ~~16 54 1.1~~ | ~~13.141~~ | ~~(207.)~~ |
| 878 | 9 | 20 43 47.52 | 2.775 | 16 18 5.4 | 13.143 | III. |
| ~~879~~ | ~~10~~ | ~~20 43 49.25~~ | ~~2.763~~ | ~~16 57 50.5~~ | ~~13.144~~ | ~~(207.)~~ |
| 880 | 9 | 20 43 55.59 | 2.705 | 19 55 10.0 | 13.152 | IV. Ll. R. |
| 881 | 9 | 20 44 7.91 | 2.752 | 17 30 30.0 | 13.165 | (209.) B. R. |
| 882 | 9 | 20 44 8.64 | 2.791 | 15 29 18.7 | 13.166 | (203.) Ll. |
| 883 | 10 | 20 44 17.11 | 2.785 | 15 49 5.9 | 13.175 | (204.) |
| 884 | 9. 10 | 20 44 19.27 | 2.776 | 16 16 47.7 | 13.177 | V. |
| 885 | 9. 10 | 20 44 24.39 | 2.774 | 16 21 15.5 | 13.183 | VI. |
| 886 | 9 | 20 44 26.11 | 2.749 | 17 38 36.0 | 13.185 | VII. B. |
| 887 | 10 | 20 44 46.99 | 2.692 | 20 37 45.3 | 13.208 | (305.) |
| 888 | 9 | 20 44 49.31 | 2.749 | 17 42 59.7 | 13.210 | (210.) B. |
| 889 | 10 | 20 44 51.60 | 2.741 | 18 9 13.1 | 13.214 | (211.) |
| 890 | 9 | 20 44 58.93 | 2.712 | 19 38 23.1 | 13.221 | VIII. B. R. |
| 891 | 9 | 20 44 59.16 | 2.786 | 15 50 2.1 | 13.221 | IX. Ll. |
| 892 | 9 | 20 45 12.61 | 2.775 | 16 22 32.0 | 13.237 | X. |
| 893 | 9 | 20 45 34.83 | 2.715 | 19 33 58.6 | 13.261 | XI. Ll. B. R. |
| 894 | 8 | 20 45 36.43 | 2.755 | 17 27 58.5 | 13.262 | XII. B. R. |

I. (212) -0.01 -1.7; (214) +0.34 +0.1; (305) +0.26 +1.7. II. (208) +0.08 -0.1; (209) -0.08 +0.1. III. (205) -0.03 -1.6; (300) +0.04 +1.6. IV. (214) +0.14 -1.1; (305) -0.14 +1.1. V. (206) -0.10 +1.6; (300) +0.10 -1.6. VI. (205) +0.02 +0.3; (206) -0.14 +0.4; (300) +0.13 -1.2. VII. (209) +0.24 +1.1; (210) -0.24 -1.1. VIII. (213) -0.10 -2.4; (214) +0.10 +2.4. IX. (203) -0.44 -1.0; (204) +0.44 +1.0. X. (205) -0.24 +0.4; (300) +0.25 -0.4. XI. (213) -0.09 -2.8; (214) +0.01 -0.8; (303) +0.09 +3.5. XII. (208) -0.09 -1.5; (210) +0.10 +1.5.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 895 | 9. 10 | 20 45 37.49 | + 2.742 | +18 10 44.5 | + 13.263 | (211.) |
| 896 | 9 | 20 45 49.31 | 2.771 | 16 39 17.2 | 13.276 | (300.) |
| 897 | 9 | 20 46 9.13 | 2.765 | 16 56 15.7 | 13.298 | (207.) |
| 898 | 8. 9 | 20 46 12.04 | 2.756 | 17 26 21.7 | 13.300 | (207.) |
| 899 | 8. 9 | 20 46 14.83 | 2.787 | 15 46 38.2 | 13.305 | I. Ll. |
| 900 | 10 | 20 46 15.63 | 2.702 | 20 12 34.1 | 13.306 | (305.) B. |
| 901 | 10 | 20 46 19.63 | 2.720 | 19 18 35.0 | 13.310 | (213.) B. |
| 902 | 10 | 20 46 23.91 | 2.777 | 16 20 13.2 | 13.314 | II. |
| 903 | 9. 10 | 20 46 25.23 | 2.785 | 15 55 55.3 | 13.315 | (204.) Ll. |
| 904 | 10 | 20 46 29.53 | 2.789 | 15 42 29.2 | 13.321 | (300.) Ll. |
| 905 | 10 | 20 46 31.99 | 2.736 | 18 33 4.0 | 13.323 | (211.) |
| 906 | 9. 10 | 20 46 40.29 | 2.700 | 20 22 3.9 | 13.332 | (305.) B. |
| 907 | 8 | 20 46 49.54 | 2.727 | 19 1 34.9 | 13.343 | (212.) B. R. |
| 908 | 10 | 20 46 54.66 | 2.761 | 17 16 14.7 | 13.348 | (210.) |
| 909 | 10 | 20 46 54.76 | 2.751 | 17 44 7.9 | 13.348 | (209.) |
| 910 | 10 | 20 46 58.02 | 2.760 | 17 17 6.7 | 13.351 | (210.) |
| 911 | 9 | 20 47 1.28 | 2.729 | 18 54 36.4 | 13.355 | (212.) B. |
| 912 | 9 | 20 47 4.94 | 2.710 | 19 52 10.8 | 13.359 | (214.) |
| 913 | 8. 9 | 20 47 12.81 | 2.757 | 17 27 42.8 | 13.368 | III. R. |
| 914 | 10 | 20 47 14.23 | 2.755 | 17 32 13.9 | 13.369 | (208.) |
| 915 | 9 | 20 47 14.53 | 2.710 | 19 52 7.0 | 13.370 | (214.) |
| 916 | 9. 10 | 20 47 20.65 | 2.788 | 15 47 45.8 | 13.376 | IV. Ll. |
| 917 | 8 | 20 47 21.32 | 2.723 | 19 11 10.0 | 13.376 | (213.) Ll B. |
| 918 | 9 | 20 47 25.04 | 2.793 | 15 31 35.5 | 13.380 | V. Ll. |
| 919 | 9. 10 | 20 47 36.53 | 2.797 | 15 25 31.9 | 13.393 | (204.) |
| 920 | 9. 10 | 20 47 55.95 | 2.761 | 17 17 40·3 | 13.414 | VI. B. |
| 921 | 8 | 20 47 58.76 | 2.764 | 17 7 34.6 | 13.417 | (300.) |

I. (203) -0.01 -0.7; (204) -0.22 -1.2; (300) +0.24 +2.0. II. (205) +0.09 +2.5; (206) -0.08 -2.5. III. (208) +0.10 +0.1; (211) -0.09 -0.1. IV. (205) -0.06 +0.6; (206) -0.06 -0.5; (300) +0.12 -0.2. V. (200) +0.03 +2.1; (204) -0.02 -2.0. VI. (210) +0.09 +1.0; (211) -0.08 -1.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 922 | 9 | 20 48 6.46 | + 2.773 | +16 41 28.0 | + 13.425 | I. Ll. R. |
| 923 | 9 | 20 48 6.43 | 2.759 | 17 24 44.1 | 13.425 | II. B. |
| 924 | 9 | 20 48 12.74 | 2.734 | 18 41 21.8 | 13.433 | III. B. |
| 925 | 9 | 20 48 15.84 | 2.763 | 17 11 40.4 | 13.436 | (210.) R. |
| 926 | 10 | 20 48 36.60 | 2.726 | 19 10 46.6 | 13.458 | (305.) |
| 927 | 9. 10 | 20 48 40.44 | 2.734 | 18 46 20.4 | 13.462 | IV. |
| 928 | 9 | 20 48 49.66 | 2.774 | 16 42 5.3 | 13.473 | V. Ll. R. |
| 929 | 10 | 20 48 59.60 | 2.732 | 18 52 21.6 | 13.484 | (213.) |
| 930 | 9 | 20 49 4.82 | 2.760 | 17 17 39.9 | 13.489 | VI. B. R. |
| 931 | 8 | 20 49 12.57 | 2.793 | 15 40 36.8 | 13.498 | VII. |
| 932 | 9. 10 | 20 49 19.41 | 2.725 | 19 16 7.0 | 13.504 | (305.) |
| 933 | 9 | 20 49 23.90 | 2.778 | 16 27 18.7 | 13.509 | VIII. |
| 934 | 9 | 20 49 36.30 | 2.775 | 16 40 39.5 | 13.522 | IX. Ll. R. |
| 935 | 10 | 20 49 46.68 | 2.698 | 20 43 16.5 | 13.534 | (305.) |
| 936 | 10 | 20 49 48.13 | 2.742 | 18 26 18.4 | 13.535 | (213.) |
| 937 | 10 | 20 50 0.81 | 2.701 | 20 33 53.8 | 13.549 | (305.) |
| 938 | 8 | 20 50 4.54 | 2.778 | 16 31 24.0 | 13.554 | X. Ll. |
| 939 | 10 | 20 50 4.91 | 2.762 | 17 23 — | 13.554 | (210.) |
| 940 | 9. 10 | 20 50 10.51 | 2.801 | 15 16 36.9 | 13.561 | (204.) |
| 941 | 9 | 20 50 19.25 | 2.730 | 19 4 14.8 | 13.569 | (212.) B. |
| 942 | 9 | 20 50 24.66 | 2.758 | 17 36 51.1 | 13.575 | (211.) Ll. R. |
| 943 | 10 | 20 50 30.09 | 2.782 | 16 18 59.9 | 13.581 | (206.) |
| 944 | 8 | 20 50 36.24 | 2.721 | 19 35 2.6 | 13.587 | (212.) B. R. |
| 945 | 10 | 20 50 50.28 | 2.761 | 17 30 23.9 | 13.602 | (210.) R. |

I. (205) +0.45 +1.0; (206) -0.28 +0.9; (300) -0.16 -2.0. II. (208) -0.08 -4.1; (209) 0.00 -1.3; (210) +0.07 +4.6; (211) 0.00 +1.0. III. (212) -0.08 +0.3; (213) +0.09 -0.2. IV. (212) -0.06 -1.6; (213) +0.07 +1.6. V. (205) -0.37 -0.2; (206) +0.52 +0.1; (300) -0.15 +0.1. VI. (208) -0.11 -6.3; (210) +0.12 +6.3. VII. (203) +0.59 -1.3; (204) -0.58 +1.4. VIII. (204) -0.06 -2.4; (300) +0.06 +2.5. IX. (205) +0.06 +1.7; (206) +0.09 -1.0; (208) +0.01 -0.8; (209) +0.06 +0.1; (300) -0.21 0.0. X. (205) -0.17 +0.3; (206) -0.23 +1.2; (208) +0.10 +1.2; (300) +0.30 -2.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 946 | 9 | 20 51 0.33 | + 2.720 | +19 38 50.7 | + 13.613 | (212.) B. R. |
| 947 | 10 | 20 51 7.44 | 2.739 | 18 40 32.5 | 13.620 | (213.) |
| 948 | 10 | 20 51 9.01 | 2.782 | 16 24 42.1 | 13.622 | I. |
| 949 | 8. 9 | 20 51 9.49 | 2.780 | 16 30 28.6 | 13.622 | II. Ll. |
| 950 | 9 | 20 51 15.17 | 2.761 | 17 28 35.0 | 13.630 | (207.) |
| 951 | 9 | 20 51 26.38 | 2.776 | 16 41 46.0 | 13.640 | (209.) Ll. |
| 952 | 10 | 20 51 27.21 | 2.701 | 20 38 23.8 | 13.641 | III. B. |
| 953 | 9 | 20 51 31.80 | 2.759 | 17 37 36.5 | 13.647 | IV. B. |
| 954 | 10 | 20 51 31.98 | 2.792 | 15 51 28.2 | 13.647 | (203.) Ll. R. |
| 955 | 9 | 20 51 32.05 | 2.786 | 16 13 7.0 | 13.647 | (204.) |
| 956 | 9 | 20 51 33.61 | 2.793 | 15 51 29.9 | 13.649 | (203.) Ll. R. |
| 957 | 9 | 20 51 40.09 | 2.718 | 19 49 5.3 | 13.656 | (214.) |
| 958 | 10 | 20 51 44.02 | 2.761 | 17 32 46.2 | 13.660 | (207.) |
| 959 | 9 | 20 51 47.48 | 2.793 | 15 50 44.7 | 13.663 | (204.) Ll. R. |
| 960 | 9 | 20 51 48.41 | 2.784 | 16 19 26.0 | 13.664 | V. |
| 961 | 10 | 20 51 54.82 | 2.780 | 16 32 47.4 | 13.671 | (206.) |
| 962 | 10 | 20 52 2.30 | 2.711 | 20 13 34.1 | 13.679 | (305.) B. |
| 963 | 9. 10 | 20 52 5.67 | 2.725 | 19 28 15.2 | 13.683 | (212.) R. |
| 964 | 10 | 20 52 6.19 | 2.761 | 17 32 34.8 | 13.683 | (210.) B. |
| 965 | 10 | 20 52 21.15 | 2.759 | 17 38 51.6 | 13.699 | (211.) |
| 966 | 10 | 20 52 23.63 | 2.761 | 17 34 54.4 | 13.702 | (207.) |
| 967 | 9. 10 | 20 52 41.82 | 2.782 | 16 29 56.3 | 13.722 | VI. |
| 968 | 9 | 20 52 46.34 | 2.751 | 17 36 31.2 | 13.726 | (211.) B. |
| 969 | 10 | 20 52 48.74 | 2.713 | 20 10 4.4 | 13.729 | (214.) |
| 970 | 8 | 20 52 52.28 | 2.787 | 16 14 36.6 | 13.732 | VII. Ll. R. |

I. (268) -0.05 -1.5; (300) +0.06 +1.6. II. (204) +0.08 +0.7; (205) -0.19 +0.4; (206) -0.15 +2.7; (208) +0.02 -0.8; (300) +0.23 -2.8. III. (215) -0.08 -4.6; (305) +0.09 +4.7. IV. (210) +0.36 +0.9; (211) -0.36 -0.8. V. (204) +0.20 -0.7; (205) -0.36 +0.7; (208) +0.09 +2.1; (300) +0.09 -2.2. VI. (206) -0.69 +1.1; (209) +0.69 -1.0. VII. (204) +0.04 -1.3; (205) -0.37 +0.2; (206) +0.13 -1.9; (208) -0.07 -0.2; (300) +0.29 -0.6.

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| 971 | 10 | 20 52 54.09 | + 2.787 | +16 15 18.8 | +13.734 | (205.) |
| 972 | 10 | 20 52 55.41 | 2.787 | 16 15 32.6 | 13.735 | I. R. |
| 973 | 10 | 20 52 57.13 | 2.788 | 16 11 53.1 | 13.737 | (300.) |
| 974 | 9 | 20 52 59.29 | 2.726 | 19 29 14.4 | 13.739 | (212.) Ll. B. |
| 975 | 8 | 20 53 20.53 | 2.728 | 19 22 41.9 | 13.763 | II. Ll. B. R. |
| 976 | 10 | 20 53 23.28 | 2.703 | 20 42 34.6 | 13.765 | (215.) B. R. |
| 977 | 9 | 20 53 30.25 | 2.704 | 17 32 33.3 | 13.779 | (207.) |
| 978 | 5 | 20 53 36.53 | 2.741 | 18 44 54.8 | 13.780 | (213.) |
| 979 | 9. 10 | 20 53 42.49 | 2.783 | 16 29 27.7 | 13.786 | III. |
| 980 | 9 | 20 53 42.87 | 2.802 | 15 28 45.9 | 13.787 | (203.) Ll. R. |
| 981 | 9 | 20 53 50.74 | 2.766 | 17 26 13.8 | 13.795 | (207.) |
| 982 | 10 | 20 54 1.09 | 2.711 | 20 21 42.3 | 13.806 | (305.) |
| 983 | 9 | 20 54 7.88 | 2.745 | 18 34 26.3 | 13.813 | (211.) B. |
| 984 | 9 | 20 54 16.58 | 2.805 | 15 17 52.4 | 13.822 | IV. R. |
| 985 | 9. 10 | 20 54 21.63 | 2.795 | 15 52 12.8 | 13.828 | (204.) R. |
| 986 | 10 | 20 54 45.96 | 2.760 | 17 49 5.7 | 13.853 | (213.) |
| 987 | 10 | 20 54 51.87 | 2.702 | 20 51 36.9 | 13.859 | V. B. R. |
| 988 | 10 | 20 54 58.33 | 2.781 | 16 42 14.4 | 13.865 | (208.) |
| 989 | 10 | 20 54 59.47 | 2.731 | 19 21 43.6 | 13.866 | (214.) |
| 990 | 9 | 20 55 0.35 | 2.749 | 18 24 43.1 | 13.868 | (211.) B. |
| 991 | 9. 10 | 20 55 2.97 | 2.709 | 20 31 5.3 | 13.871 | (305.) Ll. B. |
| 992 | 9 | 20 55 8.26 | 2.708 | 17 44 49.4 | 13.876 | (207.) |
| 993 | 10 | 20 55 9.11 | 2.781 | 16 40 28.1 | 13.877 | VI. |
| 994 | 8. 9 | 20 55 14.11 | 2.809 | 15 40 28.9 | 13.882 | (204.) |
| 995 | 9 | 20 55 15 51 | 2.789 | 16 14 15.9 | 13.885 | VII. R. |
| 996 | 9 | 20 55 15.84 | 2.783 | 16 33 47.8 | 13.885 | (300.) |

I. (204) -0.02 -1.9; (208) -0.09 +2.0; (300) +0.11 -0.8. II. (212) -0.01 -3.0; (214) +0.02 +3 1. III. (204) +0.20 -0.8; (209) -0.09 -0.2; (300) -0.10 +1.0. IV. (203) +0.03 -2.5; (204) +0.08 +2.6; (300) -0.10 -0.1 V. (215) -0.25 -2.7; (305) +0.26 +2.7. VI. (208) +0.10 +3.9; (209) -0.10 -3.8. VII. (205) -0.95 +1.3; (206) +0.59 +2.7; (300) +0.36 -4.0.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 997 | 9. 10 | 20 55 22.06 | + 2.732 | +19 18 10.9 | + 13.891 | I. B. R. |
| ~~998~~ | ~~10~~ | ~~20 55 [illegible]~~ | ~~[illegible]~~ | ~~17 [illegible]~~ | ~~[illegible]~~ | ~~(207.)~~ |
| 999 | 8 | 20 55 46.35 | 2.806 | 15 22 42.4 | 13.916 | (204.) Ll. R. |
| 1000 | 9 .10 | 20 55 49.16 | 2.743 | 18 48 40.1 | 13.919 | (214.) |
| 1001 | 10 | 20 55 52.98 | 2.723 | 19 50 31.8 | 13.924 | (305.) |
| 1002 | 9 | 20 55 54.71 | 2.801 | 15 38 11.6 | 13.926 | (204.) Ll. |
| 1003 | 7 | 20 55 56.93 | 2.798 | 15 48 15.8 | 13.928 | II. |
| 1004 | 9 | 20 55 59.56 | 2 810 | 15 10 16.4 | 13.931 | (202.) 22.8 |
| 1005 | 10 | 20 56 0.54 | 2.795 | 15 58 44.5 | 13.932 | III. |
| ~~1006~~ | ~~10~~ | ~~20 56 [illegible]~~ | ~~2.767~~ | ~~17 30 59.5~~ | ~~[illegible]~~ | ~~(207.)~~ |
| 1007 | 9. 10 | 20 56 8.72 | 2.979 | 16 52 50.1 | 13.940 | IV. R. |
| 1008 | 10 | 20 56 10.27 | 2.794 | 16 2 51.0 | 13.941 | V. |
| 1009 | 10 | 20 56 11.64 | 2.738 | 19 4 33.7 | 13.943 | (213.) |
| ~~1010~~ | ~~9~~ | ~~20 56 [illegible]~~ | ~~2.767~~ | ~~17 30 [illegible]~~ | ~~[illegible]~~ | ~~(207.)~~ |
| ~~1011~~ | ~~9~~ | ~~20 56 [illegible]~~ | ~~[illegible]~~ | ~~17 27 18.8~~ | ~~[illegible]~~ | ~~(207.)~~ |
| 1012 | 9 | 20 56 32.70 | 2.727 | 19 43 24.3 | 13.965 | VI. |
| 1013 | 9 | 20 56 35.22 | 2.780 | 16 52 18.7 | 13.967 | VII. R. |
| 1014 | 10 | 20 56 44.14 | 2.785 | 16 37 27.3 | 13.977 | VIII. |
| 1015 | 9 | 20 56 51.35 | 2.752 | 18 22 19.0 | 13.984 | (211.) |
| 1016 | 8. 9 | 20 57 2.25 | 2.725 | 19 48 41.4 | 13.996 | (212.) |
| 1017 | 9 | 20 57 20.65 | 2.778 | 17 0 48.5 | 14.015 | IX. B. |
| 1018 | 8. 9 | 20 57 20.96 | 2.780 | 16 54 5.2 | 14.016 | X. Ll. B. R. |
| 1019 | 9 | 20 57 28.34 | 2.753 | 18 21 14.3 | 14.023 | (211.) |
| 1020 | 10 | 20 57 34.56 | 2.786 | 16 34 39.0 | 14.030 | (206.) |
| 1021 | 10 | 20 57 46.12 | 2.751 | 18 32 28.8 | 14.042 | XI. |

I. (212) -0.11 +3.1; (213) -0.09 -3.1; (214) -0.01 [+21.2]. II. (200) -0.13 +2.8; (202) +0.14 -2.7. III. (204) +0.34 -0.9; (206) -0 33 +1.0. IV. (205) +0.41 +2.9; (208) [+2.57] -1.0; (300) -0.41 -2.0. V. (204) +0.18 -2.0; (206) -0.17 +2.1. VI. (214) +0.06 -0.2; (305) +0.05 +0.2. VII. (208) +0.01 -0.5; (300) -0.01 +0.5. VIII. 206) -0.03 +0.9; (209) +0.04 -0.8. IX. (208) -0.55 0.0; (300) +0.56 +0.1. X. (205) -0.03 +3.6; (208) +0.03 -0.9; (300) +0.01 - 2.7. XI. (211) +0.01 +3.8; (213) 0.00 -3.8.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1022 | 9 | 20 57 49.82 | + 2.718 | +20 17 19.2 | + 14.046 | (305.) B. |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 1024 | 10 | 20 58 0.82 | 2.737 | 19 17 29.9 | 14.058 | I. |
| 1025 | 10 | 20 58 11.43 | 2.793 | 16 16 7.5 | 14.068 | (206.) |
| 1026 | 10 | 20 58 11.65 | 2.760 | 16 56 40.4 | 14.069 | II. |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 1028 | 10 | 20 58 30.11 | 2.762 | 17 57 33.1 | 14.088 | (211.) |
| 1029 | 8. 9 | 20 58 39.21 | 2.793 | 16 17 18.7 | 14.097 | III. Ll. R. |
| 1030 | 9. 10 | 20 58 54.65 | 2.713 | 15 12 19.6 | 14.114 | IV. Ll. |
| 1031 | 9 | 20 59 0.59 | 2.735 | 19 26 47.0 | 14.120 | V. R. |
| 1032 | 9 | 20 59 8.01 | 2.712 | 20 42 24.5 | 14.127 | 215.) |
| 1033 | 9. 10 | 20 59 15.97 | 2.728 | 19 49 9.8 | 14.135 | (305.) B. |
| 1034 | 10 | 20 59 21.51 | 2.774 | 17 20 52.6 | 14.142 | (208.) |
| 1035 | 9. 10 | 20 59 24.29 | 2.805 | 15 36 28.7 | 14.144 | (204.) |
| 1036 | 9 | 20 59 25.90 | 2.809 | 15 23 39.3 | 14.146 | (300.) Ll. |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 1038 | 9 | 20 59 35.90 | 2.753 | 18 32 19.5 | 14.156 | (213.) Ll. B. |
| 1039 | 10 | 20 59 38.43 | 2.765 | 17 54 32.1 | 14.158 | (211.) |
| 1040 | 10 | 21 0 1.11 | 2.773 | 17 28 9.1 | 14.182 | VI. |
| 1041 | 9. 10 | 21 0 1.40 | 2.804 | 15 45 59.2 | 14.182 | VII. |
| 1042 | 9. 10 | 21 0 8.51 | 2.805 | 15 41 25.1 | 14.189 | VIII. |
| 1043 | 9 | 21 0 8.92 | 2.803 | 15 46 24.5 | 14.190 | (204.) |
| 1044 | 10 | 21 0 13.28 | 2.743 | 19 8 12.6 | 14.194 | (213.) |
| 1045 | 9 | 21 0 20.18 | 2.759 | 18 15 7.1 | 14.202 | (212.) B. |
| 1046 | 10 | 21 0 23.44 | 2.743 | 19 6 34.1 | 14.205 | (213.) B. |
| 1047 | 7 | 21 0 30.37 | 2.816 | 15 3 36.8 | 14.212 | (200.) Ll. R. |

I. (212) -0.04 -0.2; (214) +0.04 +0.2. II. (205) 0.14 +1.3; (208) +0.06 +0.8; (209) +0.09 -2.1. III. (204) -0.16 +0.7; (300) +0.17 -0.6. IV. (202) -0.08 [+27.6]; (203) +0.06 0.0. V. (212) +0.14 -0.4; (214) +0.19 +1.3; (305) -0.32 -0.8. VI. (205) +0.17 +2.2; (209) -0.01 0.0; (211) -0.15 -2.2. VII. (204) +0.37 +0.3; (205) +0.18 -0.8; (206) -0.31 -1.3; (300) -0.23 +1.7. VIII. (206) +0.55 +1.4. (300) -0.55 -1.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1048 | 9 | 21 0 34.74 | + 2.803 | +15 46 55.8 | + 14.217 | I. |
| 1049 | 10 | 21 0 43.73 | 2.806 | 15 43 58.9 | 14.226 | (204.) |
| 1050 | 9 | 21 0 47.91 | 2.777 | 17 18 11.2 | 14.230 | (208.) |
| 1051 | 10 | 21 0 58.97 | 2.748 | 18 55 26.3 | 14.242 | (213.) |
| 1052 | 9 | 21 1 0.97 | 2.763 | 18 14 56.2 | 14.244 | (212.) B. R. |
| 1053 | 9. 10 | 21 1 5.98 | 2.792 | 16 30 9.8 | 14.249 | II. |
| 1054 | 10 | 21 1 11.03 | 2.811 | 15 22 4.5 | 14.254 | (200.) |
| 1055 | 9. 10 | 21 1 19.55 | 2.777 | 17 18 59.4 | 14.263 | III. B. |
| 1056 | 10 | 21 1 24.73 | 2.789 | 16 40 49.2 | 14.268 | (209.) |
| 1057 | 9 | 21 1 36.00 | 2.793 | 16 31 19.5 | 14.279 | (300.) |
| 1058 | 9 | 21 1 39.19 | 2.818 | 15 6 34.0 | 14.282 | IV. Ll. R. |
| 1059 | 9. 10 | 21 1 40.08 | 2.816 | 15 13 ~~10.3~~ | 14.283 | V. R. |
| 1060 | 9 | 21 1 46.40 | 2.814 | 15 11 16.8 | 14.289 | (204.) Ll. R. |
| 1061 | 9. 10 | 21 1 48.33 | 2.791 | 16 38 26.6 | 14.291 | (300.) |
| 1062 | 9. 10 | 21 1 58.09 | 2.781 | 17 11 33.9 | 14.302 | VI. B. |
| 1063 | 9 | 21 2 2.06 | 2.814 | 15 11 18.6 | 14.306 | (202.) |
| 1064 | 9 | 21 2 13.52 | 2.797 | 16 14 48.5 | 14.318 | VII. Ll. R. |
| 1065 | 10 | 21 2 30.23 | 2.748 | 18 58 42.1 | 14.434 | (212.) |
| 1066 | 9 | 21 2 34.97 | 2.759 | 18 26 29.0 | 14.339 | (213.) B. R. |
| 1067 | 9. 10 | 21 2 44.26 | 2.811 | 15 34 12.0 | 14.348 | VIII. Ll. |
| 1068 | 8 | 21 2 51.93 | 2.811 | 15 33 15.5 | 14.357 | IX. R. |
| 1069 | 10 | 21 2 52.48 | 2.738 | 19 35 55.0 | 14.357 | (305.) |
| 1070 | 10 | 21 3 18.18 | 2.759 | 18 27 16.8 | 14.383 | (213.) |
| 1071 | 10 | 21 3 24.77 | 2.754 | 18 45 ~~37.5~~ | 14.390 | (212.) B. |
| 1072 | 9 | 21 3 25.88 | 2.729 | 20 7 55.4 | 14.391 | (305.) B. |

I. (205) -0.19 +1.1; (206) +0.20 -1.1. II. (206) +0.11 +0.7; (300) -0.10 -0.6. III. (208) +0.07 -0.1; (211) -0.07 +0.1. IV. (200) -0.16 +4.3; (202) +0.17 -4.2. V. (200) +0.47 -0.0; (204) -0.47 —. VI. (208) +0.15 +0.5; (211) -0.14 -0.4. VII. (205) +0.11 +0.6; (206) -0.11 -0.5. VIII. (202) +0.5 +0.1; (203) -0.05 -1.6; (300) [-1.97] +1.6. IX. (202) -0.21 [+33.1]; 300 +0.22 0.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1073 | 9 | 21 3 32.53 | + 2.800 | +16 13 34.2 | + 14.398 | I. Ll. R. |
| 1074 | 9 | 21 3 33.35 | 2.798 | 16 22 14.1 | 14.398 | II. Ll. |
| 1075 | 9. 10 | 21 3 35.38 | 2.756 | 18 43 23.2 | 14.400 | (213.) B. |
| 1076 | 9 | 21 3 38.38 | 2.793 | 16 39 22.0 | 14.403 | III. |
| 1077 | 8 | 21 3 38.81 | 2.745 | 19 21 4.0 | 14.404 | (214.) Ll. B. R. |
| 1078 | 9 | 21 3 50.12 | 2.810 | 15 38 41.0 | 14.416 | (300.) R. |
| 1079 | 9 | 21 4 6.69 | 2.817 | 15 16 10.7 | 14.433 | (204.) R. |
| 1080 | 9 | 21 4 15.81 | 2.804 | 15 59 35.2 | 14.442 | IV. |
| 1081 | 10 | 21 4 22.20 | 2.816 | 15 20 22.3 | 14.448 | (204.) |
| 1082 | 9 | 21 4 25.07 | 2.755 | 18 45 36.4 | 14.451 | (213.) |
| 1083 | 10 | 21 4 35.53 | 2.768 | 18 7 32.2 | 14.462 | (216.) |
| 1084 | 9 | 21 4 51.06 | 2.757 | 18 45 39.9 | 14.478 | V. B. |
| 1085 | 10 | 21 4 55.51 | 2.818 | 15 17 46.3 | 14.483 | (204.) |
| 1086 | 8 | 21 4 59.07 | 2.783 | 17 16 55.4 | 14.486 | VI. |
| 1087 | 8 | 21 5 2.15 | 2.785 | 17 9 17.8 | 14.489 | VII. B. R. |
| 1088 | 10 | 21 5 26.59 | 2.758 | 18 41 46.8 | 14.514 | (213.) |
| 1089 | 10 | 21 5 28.03 | 2.725 | 20 31 40.7 | 14.518 | (305.) |
| 1090 | 10 | 21 5 40.10 | 2.760 | 18 40 16.3 | 14.527 | (213.) |
| 1091 | 9 | 21 5 51.39 | 2.816 | 15 28 1.3 | 14.538 | VIII. Ll. |
| 1092 | 8. 9 | 21 6 5.60 | 2.727 | 20 27 15.8 | 14.553 | IX. Ll. B. |
| 1093 | 9 | 21 6 6.70 | 2.782 | 17 22 42.0 | 14.554 | (209.) |
| 1094 | 9. 10 | 21 6 14.73 | 2.723 | 20 40 34.7 | 14.562 | (216.) R. |
| 1095 | 9. 10 | 21 6 15.36 | 2.759 | 18 41 21.1 | 14.562 | X. |
| 1096 | 8. 10 | 21 6 16.41 | 2.812 | 16 18 13.3 | 14.563 | XI. R. |

I. (205) -0.20 -2.0; (206) +0.21 +2.1. II. (205) -0.15 +0.7; (206) +0.15 -0.7. III. (208) +0.07 +2.3; (209) -0.06 -2.2. IV. (205) -0.31 +0.6; (300) +0.32 -0.6. V. (212) -0.04 -0.8; (213) +0.01 +0.7; (214) +0.03 +0.2. VI. (208) +0.16 -0.6; (209) -0.16 +0.7. VII. (205) -0.31 +1.8; (206) +0.11 +0.5; (208) +0.11 -4.7; (209) +0.11 +2.3. VIII. (204) +0.21 -0.1; (300) -0.21 +0.2. IX. (215) -0.10 -1.0; (216) -0.18 +4.3; (305) +0.29 -3.4. X. (212) 0.00 +4.0; (213) +0.04 -4.0; (214) -0.04 —. XI. (205) +0.12 +1.0; (206) +0.01 +1.1; (208) -0.12 -2.1.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1097 | 7. 8 | 21 6 25.54 | + 2.820 | + 15 22 4.7 | + 14.573 | I. Ll. R. |
| 1098 | 9. 10 | 21 6 30.43 | 2.744 | 19 37 29.3 | 14.577 | (305.) B. |
| 1099 | 9. 10 | 21 6 38.44 | 2.796 | 16 41 58.4 | 14.585 | II. |
| 1100 | 10 | 21 6 39.08 | 2.746 | 19 29 1.7 | 14.586 | (305.) |
| 1101 | 9 | 21 6 51.71 | 2.797 | 16 37 13.7 | 14.599 | III. |
| 1102 | 10 | 21 7 13.43 | 2.768 | 18 17 3.9 | 14.620 | IV. |
| 1103 | 10 | 21 7 22.56 | 2.760 | 18 44 11.8 | 14.630 | V. |
| 1104 | 9 | 21 7 24.00 | 2.790 | 17 2 11.6 | 14.631 | VI. Ll. B. |
| 1105 | 9 | 21 7 25.41 | 2.819 | 15 20 8.8 | 14.632 | (300.) |
| 1106 | 10 | 21 7 26.93 | 2.726 | 20 34 47.6 | 14.634 | (215.) B. R. |
| 1107 | 10 | 21 7 27.50 | 2.749 | 19 19 10.3 | 14.634 | (305.) |
| 1108 | 9 | 21 7 45.95 | 2.787 | 17 12 5.1 | 14.653 | (209.) Ll. B. R. |
| 1109 | 9 | 21 8 15.29 | 2.774 | 17 59 57.8 | 14.682 | (211.) Ll. B. |
| 1110 | 10 | 21 8 16.98 | 2.800 | 16 39 1.6 | 14.684 | VII. |
| 1111 | 9. 10 | 21 8 17.52 | 2.752 | 19 14 0.5 | 14.685 | VIII. B. |
| 1112 | 10 | 21 8 18.27 | 2.812 | 15 50 48.5 | 14.685 | (206.) |
| 1113 | 9 | 21 8 20.57 | 2.721 | 20 58 19.3 | 14.688 | (216.) |
| 1114 | 9 | 21 8 35.03 | 2.764 | 18 39 40.4 | 14.702 | (213.) B. R. |
| 1115 | 10 | 21 8 35.46 | 2.781 | 17 42 28.7 | 14.702 | (211.) |
| 1116 | 8 | 21 8 41.98 | 2.808 | 16 6 42.8 | 14.709 | IX. Ll. R. |
| 1117 | 9 | 21 8 41.47 | 2.768 | 18 27 51.9 | 14.703 | (213.) R. |
| 1118 | 8 | 21 8 58.44 | 2.756 | 19 5 31.6 | 14.725 | X. Ll. B. R. |
| 1119 | 10 | 21 9 3.18 | 2.767 | 18 30 11.3 | 14.730 | (213.) |
| 1120 | 10 | 21 9 24.49 | 2.731 | 20 31 11.9 | 14.750 | (305.) |
| 1121 | 9 | 21 9 51.14 | 2.764 | 18 44 19.8 | 14.777 | XI. B. |

I. (202) -0.12 -2.5; (204) +0.07 -2.4; (300) +0.06 +4.8. II. (206) +0.04 +2.3; (208) -0.21 -3.5; (209) +0.16 +1.2. III. (206) +0.26 +1.9; (208) -0.26 -1.9. IV. (211) +0.39 +0.1; (212) -0.38 -0.1. V. (213) -0.16 -2.5; (214) +0.16 +2.6. VI. (206) +0.56 +1.5; (300) -0.55 -1.5. VII. (205) +0.20 +4.1; (208) -0.20 -4.1. VIII. (212) +0.29 +2.3; (305) -0.29 -2.3. IX. (205) +0.36 -7.0; (206) -0.36 +7.1; X. (212) -0.11 -3.7; (214) +0.11 +3 8. XI. (212) -0.12 +0.8; (214) +0.12 -0.7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1122 | 10 | 21 10 4.10 | + 2.807 | +16 15 42.5 | + 14.790 | I. R. |
| 1123 | 9 | 21 10 19.47 | 2.768 | 18 31 31.4 | 14.805 | (213.) |
| 1124 | 10 | 21 10 25.56 | 2.789 | 17 17 29.6 | 14.811 | (211.) |
| 1125 | 9 | 21 10 44.54 | 2.740 | 20 12 35.1 | 14.830 | (305.) Ll. B. |
| 1126 | 9 | 21 10 48.28 | 2.754 | 19 22 45.2 | 14.833 | II. B. |
| 1127 | 9 | 21 10 49.76 | 2.769 | 18 32 8.7 | 14.835 | (212.) |
| 1128 | 9 | 21 10 51.12 | 2.745 | 19 52 45.7 | 14.836 | III. Ll. B. R. |
| 1129 | 9 | 21 10 51.31 | 2.804 | 16 30 47.4 | 14.836 | IV. |
| 1130 | 8. 9 | 21 10 57.00 | 2.796 | 17 0 5.1 | 14.842 | V. Ll. |
| 1131 | 9 | 21 11 5.99 | 2.821 | 15 31 58.7 | 14.851 | VI. |
| 1132 | 9 | 21 11 24.12 | 2.743 | 20 3 23.6 | 14.868 | (214.) |
| 1133 | 8. 9 | 21 11 25.75 | 2.794 | 17 5 35.0 | 14.870 | VII. Ll. |
| 1134 | 9 | 21 11 39.84 | 2.819 | 15 41 39.2 | 14.884 | (205.) |
| 1135 | 10 | 21 11 40.77 | 2.759 | 19 12 40.9 | 14.885 | VIII. |
| 1136 | 10 | 21 11 41.28 | 2.831 | 15 0 41.4 | 14.885 | (200.) |
| 1137 | 10 | 21 11 56.33 | 2.790 | 17 23 53.6 | 14.900 | (211.) |
| 1138 | 8 | 21 12 12.17 | 2.794 | 17 11 42.5 | 14.916 | IX. Ll. B. R. |
| 1139 | 10 | 21 12 31.01 | 2.804 | 16 41 29.1 | 14.934 | (210.) |
| 1140 | 10 | 21 12 32.43 | 2.757 | 19 24 11.0 | 14.935 | (212.) |
| 1141 | 8. 9 | 21 12 33.23 | 2.792 | 17 21 39.0 | 14.936 | (211.) |
| 1142 | 10 | 21 12 43.52 | 2.797 | 17 5 25.6 | 14.947 | (209.) B. |
| 1143 | 10 | 21 12 56.49 | 2.752 | 19 41 18.6 | 14.958 | (305.) |
| 1144 | 10 | 21 13 12.48 | 2.765 | 19 3 16.7 | 14.974 | (214.) B. |
| 1145 | 9 | 21 13 17.74 | 2.813 | 16 19 32.5 | 14.980 | X. Ll. R. |
| 1146 | 10 | 21 13 37.77 | 2.772 | 18 36 28.4 | 14.999 | (211.) |
| 1147 | 10 | 21 13 38.93 | 2.790 | 17 36 27.8 | 15.000 | XI. Ll. |

I. (206) -0.15 +0.2; (208) -0.14 -0.1. II. (214) +0.17 +2.7; (305) -0.16 -2.6. III. (214) -0.14 +3.0; (305) +0.14 -3.0. IV. (206) +0.10 -0.3; (209) -0.09 +0.3. V. (206) +0.29 +1.7; (209) -0.29 -1.6. VI. (200) +0.11 +1.1; (202) -0.11 -1.0. VII. (206) -0.19 -1.0; (208) +0.25 -3.4; (209) -0.06 +4.5. VIII. (212) +0.25 +3.7; (305) -0.24 -3.7. IX. (208) -0.14 +1.0; (209) +0.14 -1.0 X. (205) -0.18 +1.0; (206) +0.23 +1.3; (208) -0.04 -2.4. XI. (209) +0.05 +3.5; (210) -0.04 -3.4.

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| | | h ' " | " | ° ' " | " | |
| 1148 | 9 | 21 13 43.04 | + 2.762 | + 19 12 34.2 | + 15.004 | I. B. |
| 1149 | 10 | 21 14 15.16 | 2.796 | 17 14 6.8 | 15.034 | (210.) |
| 1150 | 9. 10 | 21 14 24.34 | 2.811 | 16 19 48.5 | 15.043 | (206.) |
| 1151 | 10 | 21 14 29.75 | 2.814 | 16 7 45.7 | 15.049 | (205.) |
| 1152 | 8. 9 | 21 14 30.49 | 2.807 | 16 32 33.3 | 15.050 | II. Ll. R. |
| 1153 | 8. 9 | 21 14 36.64 | 2.738 | 20 40 51.7 | 15.056 | III. B. |
| 1154 | 10 | 21 14 47.47 | 2.812 | 16 19 55.3 | 15.066 | (206.) |
| 1155 | 9 | 21 14 57.91 | 2.808 | 16 34 28.4 | 15.076 | IV. Ll. |
| 1156 | 10 | 21 15 5.11 | 2.793 | 17 26 22.7 | 15.083 | V. |
| 1157 | 10 | 21 15 7.29 | 2.764 | 19 9 41.5 | 15.085 | VI. B. |
| 1158 | 10 | 21 15 7.65 | 2.816 | 16 6 23.1 | 15.086 | (205.) |
| 1159 | 4. 5 | 21 15 9.26 | 2.764 | 19 9 53.8 | 15.087 | VII. Ll. B. |
| 1160 | 9. 10 | 21 15 11.02 | 2.813 | 16 15 56.1 | 15.088 | (206.) |
| 1161 | 10 | 21 15 14.08 | 2.791 | 17 34 34.1 | 15.091 | VIII. |
| 1162 | 9. 10 | 21 15 14.14 | 2.793 | 17 28 17.9 | 15.091 | (211.) |
| 1163 | 10 | 21 15 16.88 | 2.745 | 20 15 46.7 | 15.094 | (305.) |
| 1164 | 9. 10 | 21 15 34.79 | 2.820 | 15 55 6.1 | 15.111 | IX. |
| 1165 | 9 | 21 15 54.23 | 2.796 | 17 25 24.3 | 15.129 | X. Ll. |
| 1166 | 9 | 21 16 3.84 | 2.821 | 15 51 26.7 | 15.139 | XI. Ll. |
| 1167 | 10 | 21 16 28.69 | 2.805 | 16 49 47.8 | 15.163 | (210.) |
| 1168 | 9. 10 | 21 16 35.99 | 2.773 | 18 50 12.7 | 15.169 | (213.) |
| 1169 | 10 | 21 16 44.40 | 2.772 | 18 52 56.9 | 15.177 | (213.) |
| 1170 | 9 | 21 16 48.36 | 2.760 | 19 37 17.2 | 15.181 | (212.) |
| 1171 | 9. 10 | 21 16 59.69 | 2.825 | 15 43 28.3 | 15.192 | XII. |

I. (211) +0.04 -0.6; (214) +0.36 +4.2; (305) -0.40 -3.5. II. (208) -0.08 -0.3; (209) +0.08 +0.4. III. (215) +0.06 -2.4; (216) -0.28 +1.8; (305) +0.21 +0.5. IV. (208) +0.22 -0.3; (209) -0.21 +0.3. V. (210) +0.29 -2.5; (211) -0.29 +2.6. VI. (211) +0 16·[+39.0]; (213) -0.15 0.0. VII. (212) -0.05 -0.1; (213) +0.05 -3.2; (214) 0.00 +3.3 VIII. (210) +0.19 -3.5; (211) -0.18 +3.5. IX. (204) +0.16 -1.7; (205) -0.38 +1.8; (206) +0.23 -0.2. X. (208) -0.73 -3.4; (209) +0.74 +3.4. XI. (204) -0.67 2.0; (205) -0.12 [-42.2]; (206) +0.80 +2.1. XII. (200) -0.04 +0.9; (206) +0.0 -0.9.

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| 1172 | 8 | 21 17 7.39 | + 2.797 | +17 25 10.3 | + 15.199 | (209.) |
| 1173 | 9 | 21 17 36.31 | 2.836 | 15 8 17.6 | 15.226 | (202.) Ll. |
| 1174 | 9 | 21 17 48.66 | 2.743 | 20 37 24.0 | 15.239 | (216.) B. R. |
| 1175 | 9 | 21 17 57.32 | 2.808 | 16 48 8.4 | 15.246 | (210.) |
| 1176 | 9. 10 | 21 18 1.23 | 2.797 | 17 29 5.7 | 15.250 | (208.) |
| 1177 | 9 | 21 18 8.96 | 2.832 | 15 21 36.9 | 15.258 | (200.) Ll. |
| 1178 | 8 | 21 18 10.04 | 2.791 | 17 49 7.3 | 15.258 | (211.) Ll. B. R. |
| 1179 | 10 | 21 18 13.78 | 2.793 | 17 40 54.8 | 15.262 | (211.) |
| 1180 | 9. 10 | 21 18 14.70 | 2.743 | 20 38 24.3 | 15.263 | I. B. |
| 1181 | 10 | 21 18 25.47 | 2.803 | 17 7 27.6 | 15.273 | II. |
| 1182 | 9. 10 | 21 18 34.92 | 2.820 | 16 11 49.5 | 15.282 | (205.) |
| 1183 | 10 | 21 18 54.36 | 2.817 | 16 21 40.7 | 15.300 | III. |
| 1184 | 8 | 21 19 6.85 | 2.799 | 17 25 6.9 | 15.313 | IV. |
| 1185 | 6. 7 | 21 19 28.88 | 2.778 | 18 43 40.1 | 15.334 | V. Ll. B. R. |
| 1186 | 8 | 21 19 29.27 | 2.755 | 20 4 2.7 | 15.334 | (214.) |
| 1187 | 10 | 21 19 33.69 | 2.822 | 16 6 23.9 | 15.338 | VI. |
| 1188 | 9 | 21 19 43.85 | 2.758 | 19 58 56.9 | 15.348 | (305.) B. |
| 1189 | 9 | 21 19 44.39 | 2.757 | 20 3 58.2 | 15.348 | (305.) Ll. B. |
| 1190 | 10 | 21 20 1.19 | 2.832 | 15 31 44.9 | 15.364 | (202.) |
| 1191 | 7 | 21 20 2.37 | 2.833 | 15 28 48.4 | 15.365 | VII. R. |
| 1192 | 10 | 21 20 3.64 | 2.826 | 15 52 11.5 | 15.366 | VIII. |
| 1193 | 10 | 21 20 8.04 | 2.813 | 16 42 27.5 | 15.369 | (210.) |
| 1194 | 10 | 21 20 15.47 | 2.823 | 16 4 34.9 | 15.376 | (300.) |
| 1195 | 9. 10 | 21 20 16.66 | 2.829 | 15 41 42.8 | 15.378 | (205.) Ll. R. |
| 1196 | 9. 10 | 21 20 18.54 | 2.787 | 18 15 4.2 | 15.379 | IX. B. R. |
| 1197 | 10 | 21 20 30.23 | 2.752 | 20 20 31.6 | 15.391 | (305.) |

I. (216) -0.43 +1.3; (305) +0.44 -1.2. II. (206) -0.05 +2.0; (300) +0.06 -2.0. III. (205) -0.19 +2.2.; (206) -0.18 -1.2; (300) +0.36 -0.9. IV. (208) -0.10 +2.2; (210) +0.11 -2.1. V. (212) +0.44 +1.3; (213) -0.43 -1.2. VI. (205) +0.03 -0.8; (300) -0.03 +0.8. VII. (200) +0.17 +0.9; (202) -0.16 -0.8. VIII. (206) -0.19 +0.7; (300) +0.20 -0.6. IX. (211) -0.15 -4.4; (212) +0.15 +4.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1198 | 10 | 21 20 46.49 | + 2.812 | + 16 47 34.4 | + 15.405 | I. |
| 1199 | 10 | 21 20 46.49 | 2.829 | 15 46 57.7 | 15.405 | II. |
| 1200 | 9. 10 | 21 20 47.56 | 2.771 | 19 17 50.5 | 15.406 | III. B. |
| 1201 | 9 | 21 20 51.49 | 2.774 | 19 6 53.7 | 15.411 | (213.) |
| 1202 | 10 | 21 20 52.22 | 2.751 | 20 28 57.3 | 15.412 | (305.) |
| 1203 | 9 | 21 20 56.16 | 2.832 | 15 31 48.2 | 15.415 | (200.) |
| 1204 | 8 | 21 20 56.64 | 2.768 | 19 27 33.0 | 15.416 | (214.) B. |
| 1205 | 10 | 21 20 58.66 | 2.791 | 18 5 58.3 | 15.417 | (211.) |
| 1206 | 10 | 21 21 0.03 | 2.827 | 15 52 45.8 | 15.419 | (300.) |
| 1207 | 9. 10 | 21 21 10.59 | 2.772 | 19 13 49.1 | 15.429 | IV. B. R. |
| 1208 | 9 | 21 21 12.95 | 2.791 | 18 8 1.5 | 15.430 | (211.) R. |
| 1209 | 10 | 21 21 43.16 | 2.802 | 17 30 37.4 | 15.458 | (208.) R. |
| 1210 | 10 | 21 21 43.40 | 2.833 | 15 36 27.7 | 15.458 | (200.) |
| 1211 | 10 | 21 21 47.24 | 2.822 | 16 17 55.6 | 15.462 | (300.) |
| 1212 | 9 | 21 21 54.44 | 2.816 | 16 41 2.8 | 15.469 | (210.) Ll. R. |
| 1213 | 8 | 21 21 58.77 | 2.806 | 17 15 9.9 | 15.473 | V. Ll. B. R. |
| 1214 | 10 | 21 22 0.21 | 2.792 | 18 8 0.5 | 15.481 | (211.) B. |
| 1215 | 9 | 21 22 23.57 | 2.788 | 18 24 28.4 | 15.496 | (213.) |
| 1216 | 10 | 21 22 33.89 | 2.822 | 16 22 32.1 | 15.505 | (300.) |
| 1217 | 10 | 21 22 37.31 | 2.790 | 18 19 24.6 | 15.508 | (210.) |
| 1218 | 10 | 21 22 37.38 | 2.818 | 16 39 29.5 | 15.508 | (300.) |
| 1219 | 9 | 21 22 38.02 | 2.749 | 20 49 30.2 | 15.508 | (216.) B. |
| 1220 | 9 | 21 22 45.01 | 2.781 | 18 55 26.4 | 15.515 | (213.) |
| 1221 | 9. 10 | 21 22 59.98 | 2.758 | 20 17 34.1 | 15.530 | (305.) Ll. R. |
| 1222 | 9 | 21 23 6.93 | 2.802 | 17 37 30.5 | 15.536 | VI. |
| 1223 | 10 | 21 23 11.37 | 2.818 | 16 36 58.8 | 15.540 | VII. |
| 1224 | 9. 10 | 21 23 18.98 | 2.753 | 20 34 8.4 | 15.546 | VIII. |

I. (208) -0.87 -2.1; (209) +0.79 +4.1; (210) +0.08 -1.9. II. (205) +0.14 +2.2; (300) -0.13 -2.1. III. (212) -0.12 -0.6; (213) -0.07 -2.7; (214) +0.20 +3.2. IV. (212) +0.18 +2.5; (213) -0.17 -2.5. V. (208) -0.11 -3.0; (209) +0.11 +3.1. VI. (209) +0.14 +5.8; (210) +0.21 -1.6; (211) -0.36 -4.1. VII. (205) -0.02 +0.3; (300) +0.03 -0.3. VIII. (215) -0.08 -2.0; (216) -0.01 +1.9; (305) +0.09 0.0.

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| 1225 | 9. 10 | 21 23 20.04 | + 2.778 | +19 5 26.5 | + 15.548 | I. B. |
| 1226 | 10 | 21 23 20.21 | 2.780 | 18 57 40.3 | 15.548 | (213.) |
| 1227 | 9 | 21 23 25.61 | 2.834 | 15 36 6.9 | 15.553 | (200.) |
| 1228 | 9 | 21 23 36.78 | 2.835 | 15 32 42.7 | 15.564 | (200.) |
| 1229 | 9. 10 | 21 23 52.65 | 2.831 | 15 54 52.1 | 15.578 | II. Ll. R. |
| 1230 | 10 | 21 23 55.89 | 2.816 | 16 47 50.8 | 15.581 | III. |
| 1231 | 10 | 21 23 59.75 | 2.824 | 16 20 48.3 | 15.585 | (206.) |
| 1232 | 10 | 21 24 8.14 | 2.777 | 19 12 31.8 | 15.591 | (213.) B. |
| 1233 | 10 | 21 24 12.89 | 2.798 | 17 56 1.6 | 15.596 | IV. |
| 1234 | 9. 10 | 21 24 17.46 | 2.832 | 15 49 35.8 | 15.600 | (204.) Ll. |
| 1235 | 10 | 21 24 19.16 | 2.825 | 16 15 50.1 | 15.601 | (205.) |
| 1236 | 9 | 21 24 26.83 | 2.755 | 20 32 50.2 | 15.609 | V. Ll. |
| 1237 | 10 | 21 24 34.67 | 2.835 | 15 41 32.1 | 15.616 | (200.) |
| 1238 | 10 | 21 24 46.83 | 2.813 | 17 7 40.7 | 15.627 | (300.) |
| 1239 | 9 | 21 24 48.78 | 2.790 | 18 27 22.7 | 15.628 | VI. B. |
| 1240 | 9. 10 | 21 24 54.68 | 2.753 | 20 46 8.1 | 15.635 | VII. B. |
| 1241 | 9 | 21 24 55.18 | 2.761 | 20 19 50.8 | 15.635 | (305.) Ll. B. |
| 1242 | 9 | 21 24 55.41 | 2.803 | 17 45 10.2 | 15.635 | (209.) B. |
| 1243 | 10 | 21 24 57.08 | 2.836 | 15 38 38.8 | 15.637 | (200.) |
| 1244 | 10 | 21 25 9.52 | 2.777 | 19 19 56.8 | 15.649 | (213.) |
| 1245 | 9 | 21 25 15.08 | 2.762 | 20 15 44.6 | 15.653 | (305.) |
| 1246 | 9 | 21 25 21.00 | 2.828 | 16 10 10.5 | 15.659 | (204.) |
| 1247 | 10 | 21 25 23.11 | 2.777 | 19 18 12.6 | 15.660 | (213.) |
| 1248 | 10 | 21 25 24.90 | 2.841 | 15 19 36.4 | 15.662 | (300.) |
| 1249 | 10 | 21 25 25.88 | 2.812 | 17 8 46.9 | 15.663 | (300.) |
| 1250 | 9 | 21 25 31.06 | 2.802 | 17 56 52.1 | 15.668 | (211.) B. |
| 1251 | 10 | 21 25 49.13 | 2.780 | 19 13 17.3 | 15.683 | (213.) |

I. (212) +0.06 +4.1; (213) -0.05 -4.1. II. (204) -0.05 0.0; (206) +0.05 [-32.6].
III. (209) +0.08 +2.8; (300) -0.08 -2.8. IV. (210) +0.25 -3.0; (211) -0.24 +3.1.
V. (216) -0.31 +1.7; (305) +0.31 -1.7. VI. (211) -0.30 -0.8; (212) +0.30 +0.9.
VII. (216) -0.24 +3.6; (305) +0.24 -3.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1252 | 9 | 21 25 59.46 | + 2.816 | +16 59 48.6 | + 15.693 | (209.) B. |
| 1253 | 9. 10 | 21 25 59.57 | 2.815 | 17 3 38.0 | 15.695 | (300.) Ll. B. |
| 1254 | 10 | 21 26 4.49 | 2.821 | 16 41 21.8 | 15.698 | (206.) |
| 1255 | 8. 9 | 21 26 26.99 | 2.752 | 20 55 [illegible] | 15.719 | (216.) Ll. B. |
| 1256 | 10 | 21 26 42.41 | 2.783 | 19 8 30.2 | 15.733 | (213.) |
| 1257 | 8 | 21 26 42.89 | 2.849 | 15 1 24.9 | 15.733 | I. Ll. R. |
| 1258 | 9 | 21 26 55.11 | 2.821 | 16 46 54.4 | 15.744 | II. Ll. B. |
| 1259 | 10 | 21 27 17.10 | 2.788 | 19 11 27.4 | 15.764 | (213.) |
| 1260 | 10 | 21 27 20.39 | 2.792 | 18 38 30.7 | 15.767 | (211.) |
| 1261 | 10 | 21 27 23.23 | 2.825 | 16 30 26.8 | 15.769 | III. |
| 1262 | 9. 10 | 21 27 26.19 | 2.767 | 20 9 2.8 | 15.772 | (305.) |
| 1263 | 8 | 21 27 43.97 | 2.808 | 17 39 45.6 | 15.788 | IV. Ll. B. |
| 1264 | 8 | 21 27 49.39 | 2.782 | 19 19 10.4 | 15.792 | (213.) R. |
| 1265 | 9 | 21 28 12.34 | 2.842 | 15 31 55.4 | 15.814 | V. Ll. |
| 1266 | 9 | 21 28 17.69 | 2.769 | 20 5 32.8 | 15.818 | (305.) B. |
| 1267 | 9 | 21 28 19.13 | 2.849 | 15 5 3.2 | 15.819 | (200.) |
| 1268 | 9 | 21 28 28.94 | 2.798 | 18 18 3.5 | 15.828 | VI. Ll. B. R. |
| 1269 | 10 | 21 28 30.37 | 2.773 | 19 52 16.5 | 15.830 | (213.) |
| 1270 | 9 | 21 28 45.08 | 2.823 | 16 49 50.7 | 15.843 | VII. |
| 1271 | 9. 10 | 21 28 49.03 | 2.846 | 15 19 23.5 | 15.846 | VIII. Ll. |
| 1272 | 9 | 21 28 52.52 | 2.772 | 20 3 31.9 | 15.850 | (305.) B. |
| 1273 | 9 | 21 28 52.63 | 2.801 | 18 15 9.8 | 15.850 | (211.) |
| 1274 | 9 | 21 29 11.09 | 2.799 | 18 22 11.4 | 15.867 | (212.) B. |
| 1275 | 9. 10 | 21 29 11.14 | 2.839 | 15 47 22.4 | 15.867 | (206.) R. |
| 1276 | 10 | 21 29 11.40 | 2.840 | 15 42 51.7 | 15.867 | (206.) |
| 1277 | 9 | 21 29 11.71 | 2.845 | 15 23 27.2 | 15.868 | IX. Ll. |

I. (200) -0.09 +0.1; (202) -0.09 0.0. II. (206) -0.01 +0.6; (208) +0.03 -4.3 (209) +0.09 +2.4; (300) -0.12 +1.4. III. (204) +0.22 -0.8; (300) -0.21 +0.8. IV. (208) 0.00 -0.7; (209) +0.01 +0.7. V. (204) +0.34 +1.0; (300) -0.34 -0.9. VI. (211) -0.41 -2.5; (212) +0.41 +2.6. VII. (206) -0.07 -1.8; (208) -0.05 +2.0; (209) +0.12 -0.1. VIII. (202) -0.21 -3.2; (204) +0.22 +0.3; (300) -0.01 +2.9. IX. (202) +0.11 +0.9; (204) +0.03 -0.2; (300) -0.15 -1.0.

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| 1278 | 8 | 21 29 26.31 | + 2.851 | +15 1 27.7 | + 15.880 | I. Ll. R. |
| 1279 | 10 | 21 29 40.15 | 2.768 | 20 22 53.5 | 15.893 | (305.) R. |
| 1280 | 10 | 21 29 41.91 | 2.799 | 18 27 3.1 | 15.895 | (211.) |
| 1281 | 10 | 21 29 51.51 | 2.840 | 15 47 15.3 | 15.904 | (300.) |
| 1282 | 9 | 21 30 4.84 | 2.789 | 19 6 53.6 | 15.915 | (212.) Ll B. R. |
| 1283 | 9 | 21 30 16.10 | 2.763 | 20 43 25.1 | 15.925 | (305.) |
| 1284 | 10 | 21 30 27.72 | 2.780 | 19 37 28.0 | 15.934 | (213.) |
| 1285 | 8 | 21 30 30.73 | 2.779 | 19 41 45.6 | 15.938 | (215 ) Ll. B. |
| 1286 | 10 | 21 30 33.16 | 2.796 | 18 39 48.0 | 15.939 | (211.) B. R. |
| 1287 | 10 | 21 30 41.73 | 2.802 | 18 22 13.2 | 15.948 | (211.) |
| 1288 | 7 | 21 30 44.27 | 2.797 | 18 38 45.4 | 15.949 | (211.) Ll. B. R. |
| 1289 | 9 | 21 30 54.85 | 2.841 | 15 48 14.8 | 15.959 | II. |
| 1290 | 9 | 21 30 59.77 | 2.770 | 20 21 56.8 | 15.964 | (305.) B. R. |
| 1291 | 10 | 21 31 20.55 | 2.762 | 20 51 31.9 | 15.982 | (305.) |
| 1292 | 9. 10 | 21 31 28.48 | 2.818 | 17 19 33.9 | 15.987 | III. |
| 1293 | 9. 10 | 21 31 53.97 | 2.833 | 16 27 30.6 | 16.011 | IV. |
| 1294 | 9. 10 | 21 31 59.85 | 2.830 | 16 38 21.6 | 16.017 | V. R. |
| 1295 | 7 | 21 32 1.99 | 2.784 | 19 35 24.4 | 16.019 | VI. Ll. R. |
| 1296 | 10 | 21 32 11.87 | 2.822 | 17 11 10.0 | 16.028 | (300.) |
| 1297 | 9 | 21 32 19.86 | 2.767 | 20 39 29.2 | 16.034 | VII. B. |
| 1298 | 10 | 21 32 22.12 | 2.799 | 18 39 48.6 | 16.036 | (211.) |
| 1299 | 9. 10 | 21 32 36.72 | 2.783 | 19 44 11.9 | 16.049 | (213.) |
| 1300 | 9 | 21 32 36.81 | 2.821 | 17 17 38.6 | 16.049 | VIII. Ll. B. R. |
| 1301 | 9. 10 | 21 32 43.46 | 2.772 | 20 28 31.6 | 16.054 | (216.) |
| 1302 | 9. 10 | 21 32 52.72 | 2.802 | 18 33 8.5 | 16.062 | IX. Ll. B. R. |
| 1303 | 10 | 21 33 5.41 | 2.783 | 19 48 8.4 | 16.073 | (213.) |

I. (200) -0.22 -1.4; (202) +0.23 +1.5. II. (204) -0.02 -2.9; (206) +0.02 +2.9. III. (208) -0.13 -1.3; (209) +0.14 +1.4. IV. (204) +0.18 +0.8; (300) -0.18 -0.8. V. (208) +0.22 +2.6; (300) -0.22 -2.5. VI. (212) +0.12 +1.7; (213) -0.11 -1.6. VII. (216) -0.14 0.0; (305) +0.14 +0.1. VIII. (208) -0.11 -0.2; (209) +0.12 +0.2. IX. (211) -0.20 -2.8; (212) +0.20 +2.8.



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| 1304 | 10 | 21 33 12.42 | + 2.769 | +20 39 10.6 | + 16.060 | (305.) |
| 1305 | 9. 10 | 21 33 15.73 | 2.832 | 16 37 54.1 | 16.083 | I. |
| 1306 | 9 | 21 33 43.02 | 2.771 | 20 38 16.6 | 16.106 | (305.) |
| 1307 | 10 | 21 33 44.92 | 2.842 | 16 0 46.4 | 16.108 | II. R. |
| 1308 | 9 | 21 33 49.13 | 2.810 | 18 7 17.6 | 16.111 | (211.) |
| 1309 | 8. 9 | 21 33 52.07 | 2.803 | 18 34 44.0 | 16.114 | III. Ll. B. R. |
| 1310 | 9 | 21 34 13.68 | 2.809 | 18 11 3.6 | 16.133 | (211.) |
| 1311 | 10 | 21 34 20.76 | 2.844 | 15 55 29.6 | 16.139 | IV. |
| 1312 | 9. 10 | 21 34 21.52 | 2.846 | 15 46 56.8 | 16.140 | V. |
| 1313 | 10 | 21 34 22.99 | 2.788 | 19 33 13.9 | 16.140 | (213.) |
| 1314 | 9 | 21 34 32.65 | 2.811 | 18 12 33.2 | 16.149 | (211.) B. R. |
| 1315 | 7. 8 | 21 34 36.74 | 2.768 | 20 55 23.6 | 16.153 | (216.) B. R. |
| 1316 | 8 | 21 34 58.43 | 2.810 | 18 15 36.4 | 16.170 | VI. Ll. B. R. |
| 1317 | 10 | 21 35 8.41 | 2.795 | 19 12 50.2 | 16.179 | (213.) |
| 1318 | 9 | 21 35 9.45 | 2.774 | 20 32 51.7 | 16.180 | (305.) B. R. |
| 1319 | 9. 10 | 21 35 21.09 | 2.827 | 17 9 12.4 | 16.191 | VII. Ll. R. |
| 1320 | 9. 10 | 21 35 32.33 | 2.811 | 18 18 52.7 | 16.201 | VIII. Ll. B. R. |
| 1321 | 10 | 21 35 32.78 | 2.795 | 19 17 5.4 | 16.201 | (213.) |
| 1322 | 10 | 21 35 34.83 | 2.840 | 16 22 27.3 | 16.203 | IX. |
| 1323 | 10 | 21 35 47.79 | 2.853 | 15 30 27.0 | 16.214 | X. |
| 1324 | 10 | 21 36 2.09 | 2.780 | 20 18 42.0 | 16.227 | (305.) B. |
| 1325 | 9 | 21 36 18.09 | 2.855 | 15 20 33.7 | 16.239 | XI. |
| 1326 | 8. 9 | 21 36 29.97 | 2.801 | 18 57 18.2 | 16.250 | (212.) Ll. B. R. |
| 1327 | 9 | 21 36 46.48 | 2.852 | 15 35 23.2 | 16.264 | (202.) |
| 1328 | 9 | 21 36 54.60 | 2.798 | 19 13 58.4 | 16.271 | (213.) B. |

I. (204) +0.32 -0.6; (206) -0.19 +2.2; (209) +0.12 +1.0; (300) -0.26 -2.6. II. (204) +0.28 -0.3; (300) -0.28 +0.3. III. (212) +0.01 +4.0; (213) -0.01 -4.0. IV. (204) +0.26 +0.8; (300) -0.26 -0.8. V. (204) +0.35 -0.2; (206) -0.02 +0.5; (300) -0.32 -0.2. VI. (211) -0.08 -2.1; (212) +0.09 +2.2. VII. (208) +0.19 +1.4; (210) -0.01 -0.7; (300) -0.19 -0.6. VIII. (211) -0.09 -12.1; (212) +0.10 +12.2. IX. (204) +0.34 +1.5; (300) -0.33 -1.5. X. (202) +0.14 -0.7; (300) -0.13 +0.7. XI. (200) -0.21 -0.9; (204) +0.20 +0.9.

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| 1329 | 8 | 21 36 58.52 | + 2.807 | +18 40 11.4 | + 16.274 | I. Ll. B. |
| 1330 | 9 | 21 37 6.25 | 2.835 | 16 48 21.3 | 16.281 | (204.) |
| 1331 | 8. 9 | 21 37 12.79 | 2.808 | 18 36 43.2 | 16.286 | II. Ll. B. R. |
| 1332 | 8. 9 | 21 37 14.71 | 2.841 | 16 21 33.9 | 16.288 | III. Ll. R. |
| 1333 | 6 | 21 37 24.59 | 2.837 | 16 39 49.6 | 16.297 | IV. R. |
| 1334 | 9. 10 | 21 37 25.04 | 2.847 | 15 56 35.4 | 16.297 | (204.) |
| 1335 | 9 | 21 37 36.02 | 2.787 | 20 3 56.4 | 16.306 | (305.) |
| 1336 | 9 | 21 37 36.72 | 2.860 | 15 8 27.9 | 16.307 | (200.) |
| 1337 | 9 | 21 37 38.18 | 2.786 | 20 9 20.8 | 16.307 | (305.) |
| 1338 | 10 | 21 38 9.52 | 2.847 | 16 5 26.1 | 16.335 | (300.) R. |
| 1339 | 9 | 21 38 14.62 | 2.784 | 20 15 53.4 | 16.339 | (305.) B. |
| 1340 | 9. 10 | 21 38 17.32 | 2.806 | 18 48 48.1 | 16.341 | (213.) B. |
| 1341 | 10 | 21 38 25.20 | 2.845 | 16 12 10.4 | 16.348 | (300.) |
| 1342 | 9 | 21 38 30.35 | 2.818 | 18 10 10.8 | 16.352 | V. B. |
| 1343 | 8 | 21 38 36.92 | 2.863 | 15 4 8.1 | 16.358 | VI. |
| 1344 | 10 | 21 38 36.36 | 2.846 | 16 11 10.5 | 16.358 | (300.) |
| 1345 | 10 | 21 38 38.89 | 2.863 | 15 4 9.2 | 16.359 | VII. |
| 1346 | 9. 10 | 21 38 39.32 | 2.834 | 17 3 59.1 | 16.359 | VIII. |
| 1347 | 9. 10 | 21 38 47.42 | 2.800 | 19 19 37.6 | 16.367 | (305.) |
| 1348 | 10 | 21 38 47.81 | 2.806 | 18 55 24.6 | 16.367 | (213.) |
| 1349 | 9 | 21 39 1.22 | 2.823 | 17 47 2.5 | 16.379 | (210.) |
| 1350 | 10 | 21 39 2.58 | 2.848 | 16 3 59.4 | 16.380 | (300.) R. |
| 1351 | 9 | 21 39 7.83 | 2.800 | 19 20 4.7 | 16.384 | IX. |
| 1352 | 10 | 21 39 10.68 | 2.853 | 15 43 5.9 | 16.387 | (300.) |
| 1353 | 9 | 21 39 15.31 | 2.834 | 17 2 38.2 | 16.390 | X. |

I. (211) -0.27 +1.9; (212) +0.27 -1.9. II. (211) -0.20 +5.3; (213) +0.20 -5.3. III. (206) +0.03 -1.0; (208) +0.01 +1.8; (300) -0.05 -0.7. IV. (208) +0.10 +0.9; (209) -0.03 -0.5; (210) -0.05 -1.3; (300) -0.01 +1.1. V. (210) -0.37 -5.5; (211) -0.05 +2.1; (212) +0.43 +3.5. VI. (200) +0.82 -0.8; (202) -0.82 +0.9. VII. (200) +0.04 +3.5; (202) -0.04 -3.4. VIII. (206) -0.19 -1.6; (208) +0.24 -1.8; (209) -0.04 +3.5. IX. (212) -0.18 +2.1; (305) +0.19 -2.0. X. (206) +0.45 +0.2; (208) -0.15 -1.8; (209) -0.63 +4.7; (210) +0.33 -3.1.

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| 1354 | 9. 10 | 21 39 22.83 | + 2.863 | +15 3 4.3 | + 16.395 | (200.) |
| 1355 | 8. 9 | 21 39 51.35 | 2.803 | 19 13 46.8 | 16.421 | I. Ll. |
| 1356 | 10 | 21 39 55.60 | 2.860 | 15 22 43.7 | 16.425 | (300.) |
| 1357 | 6. 7 | 21 39 56.66 | 2.843 | 16 30 12.0 | 16.426 | II. Ll. R. |
| 1358 | 10 | 21 40 5.11 | 2.813 | 18 35 26.9 | 16.432 | (213.) R. |
| 1359 | 10 | 21 40 13.30 | 2.860 | 15 20 44.6 | 16.438 | III. |
| 1360 | 10 | 21 40 16.70 | 2.835 | 17 4 37.1 | 16.442 | (210.) |
| 1361 | 8. 9 | 21 40 18.67 | 2.816 | 18 24 15.3 | 16.443 | (211.) B. |
| 1362 | 9 | 21 40 19.78 | 2.784 | 20 31 51.1 | 16.445 | (305.) B. |
| 1363 | 10 | 21 40 58.85 | 2.813 | 18 38 42.9 | 16.477 | (212.) B. R. |
| 1364 | 9 | 21 41 2.19 | 2.786 | 20 28 15.0 | 16.480 | (305.) B. R. |
| 1365 | 10 | 21 41 8.36 | 2.834 | 17 14 38.3 | 16.484 | (211.) R. |
| 1366 | 9. 10 | 21 41 21.26 | 2.832 | 17 24 40.1 | 16.496 | IV. |
| 1367 | 10 | 21 41 22.54 | 2.862 | 15 20 31.9 | 16.497 | V. R. |
| 1368 | 9. 10 | 21 41 23.89 | 2.828 | 17 38 51.6 | 16.498 | (211.) |
| 1369 | 10 | 21 41 39.39 | 2.822 | 18 12 15.8 | 16.510 | (212.) |
| 1370 | 9 | 21 41 42.31 | 2.791 | 20 15 7.3 | 16.513 | (305.) |
| 1371 | 9 | 21 41 45.80 | 2.798 | 19 48 28.4 | 16.516 | (213.) |
| 1372 | 9 | 21 41 46.27 | 2.798 | 19 49 31.5 | 16.517 | (213.) Ll. |
| 1373 | 9 | 21 42 9.60 | 2.841 | 16 52 36.9 | 16.536 | VI. |
| 1374 | 7 | 21 42 10.91 | 2.867 | 15 3 51.1 | 16.537 | (202.) Ll. R. |
| 1375 | 10 | 21 42 17.24 | 2.849 | 16 19 10.8 | 16.542 | VII. |
| 1376 | 8 | 21 42 26.68 | 2.798 | 19 45 57.6 | 16.550 | VIII. Ll. B. R. |
| 1377 | 10 | 21 42 27.39 | 2.849 | 16 19 11.1 | 16.550 | (204.) |
| 1378 | 9 | 21 42 39.61 | 2.837 | 17 14 9.7 | 16.560 | (210.) |
| 1379 | 10 | 21 42 47.33 | 2.812 | 18 56 14.5 | 16.566 | (213.) B. |

I. (212) +0.02 -1.5; (213) -0.09 +2.9; (305) +0.06 -1.3. II. (206) +0.12 -1.5; (209) -0.11 +1.5. III. (204) +0.53 -1.1; (300) -0.52 +1.1. IV. (208) +0.25 +0.4; (209) -0.74 +2.3; (210) +0.48 -2.7. V. (202) +0.15 -1.6; (204) -0.21 +3.4; (300) +0.05 -1.9. VI. (208) +0.09 +3.4; (209) -0.01 +2.6; (210) +0.13 -1.3; (300) -0.22 -4.6. VII. (204) +0.15 +0.3.; (300) -0.15 -0.2. VIII. (213) +0.07 +0.3; (305) -0.06 -0.2.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1380 | 9 | 21 42 56.47 | + 2.841 | +16 55 24.2 | +16 574 | I. |
| 1381 | 7 | 21 43 0.59 | 2.846 | 16 35 27.8 | 16.578 | II. Ll. R. |
| 1382 | 10 | 21 43 1.20 | 2.837 | 17 15 41.0 | 16.578 | (210.) |
| 1383 | 8 | 21 43 5.10 | 2.815 | 18 43 31.4 | 16.581 | III. Ll. B. R. |
| 1384 | 9. 10 | 21 43 7.27 | 2.835 | 17 23 30.7 | 16.583 | (211.) |
| 1385 | 10 | 21 43 9.47 | 2.815 | 18 44 17.1 | 16.584 | (212.) B. R. |
| 1386 | 10 | 21 43 27.31 | 2.799 | 19 50 32.0 | 16 599 | (305.) |
| 1387 | 8. 9 | 21 43 59.83 | 2.869 | 15 3 18.1 | 16.626 | (202.) |
| 1388 | 9. 10 | 21 44 15.66 | 2.828 | 17 57 4.5 | 16.639 | (210.) B. |
| 1389 | 9 | 21 44 15.68 | 2.869 | 15 6 49.6 | 16.639 | (202.) |
| 1390 | 10 | 21 44 16.09 | 2.865 | 15 23 57.8 | 16.639 | (204.) |
| 1391 | 10 | 21 44 21.69 | 2.789 | 20 40 8.8 | 16.644 | (305 ) R. |
| 1392 | 10 | 21 44 28.06 | 2.866 | 15 17 50.8 | 16.648 | (204.) |
| 1393 | 5 | 21 44 31.83 | 2.813 | 19 7 29.8 | 16.652 | (212.) Ll. B. |
| 1394 | 10 | 21 44 33.99 | 2 841 | 17 10 27.2 | 16.653 | IV. B. R. |
| 1395 | 8. 9 | 21 44 37 17 | 2.820 | 18 36 24.6 | 16.656 | V. Ll. B R. |
| 1396 | 9 | 21 44 42.08 | 2.851 | 16 26 45.1 | 16.660 | VI. |
| 1397 | 10 | 21 44 56.19 | 2.864 | 15 31 26.6 | 16.672 | (202.) |
| 1398 | 10 | 21 45 11.29 | 2.810 | 19 20 53.1 | 16.684 | (212.) |
| 1399 | 10 | 21 45 18.44 | 2.810 | 19 18 47.9 | 16.689 | (212.) |
| 1400 | 10 | 21 45 39.58 | 2.844 | 17 2 53.5 | 16.707 | VII. |
| 1401 | 10 | 21 45 41.88 | 2.836 | 17 35 20.6 | 16.709 | (210.) |
| 1402 | 8 | 21 45 46.96 | 2.869 | 15 13 41.0 | 16.713 | (204.) Ll. |
| 1403 | 9 | 21 45 54.41 | 2.834 | 17 44 48.8 | 16.718 | (210.) |
| 1404 | 9 | 21 45 56.77 | 2.842 | 17 12 0.4 | 16.721 | VIII. Ll. R. |
| 1405 | 10 | 21 46 14.61 | 2.854 | 16 22 24.7 | 16.735 | (300.) |
| 1406 | 8. 9 | 21 46 33.27 | 2.826 | 18 27 14.1 | 16 749 | (211.) B. |

I. (208) +0.09 +0.6; (209) -0.17 +2.5; (210) +0.08 -3.1 II. (206) +0.12 +0.6; (208) +0.17 -1.1; (209) -0.29 +0.4. III. (212) -0.09 +0.7; (213) +0.10 -0.6. IV. (208) +0.33 +0.6; (209) -0.07 +0.1; (210) -0.27 -0.6. V. (211) -0.16 +1.7; (213) +0.16 -1.7. VI. (206) +0.33 +1.7; (300) -0.33 -1.7. VII. (206) -0.02 +0.1; (300) +0.02 0.0. VIII. (208) +0.15 -3.7; (209) +0.02 -0.9; (211) -0.16 +4 7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1407 | 8 | 21 46 37.50 | + 2.808 | +19 41 34.3 | + 16.753 | (213.) R. |
| 1408 | 10 | 21 46 40.23 | 2.869 | 15 23 15.5 | 16.755 | (300.) |
| 1409 | 10 | 21 46 45.48 | 2.807 | 19 44 2.1 | 16.759 | (213.) |
| 1410 | 9. 10 | 21 46 57.19 | 2.841 | 17 22 4.1 | 16.769 | I. R. |
| 1411 | 9 | 21 46 58.40 | 2.837 | 17 41 47.5 | 16.769 | II. |
| 1412 | 10 | 21 47 0.14 | 2.842 | 17 21 2.8 | 16.771 | (208.) R. |
| 1413 | 9 | 21 47 0.18 | 2.848 | 16 51 5.2 | 16.771 | (210.) |
| 1414 | 9 | 21 47 8.44 | 2.837 | 17 41 55.0 | 16.777 | III. |
| 1415 | 9 | 21 47 10.39 | 2.842 | 17 19 6.2 | 16.779 | IV. R. |
| 1416 | 8. 9 | 21 47 14,46 | 2.818 | 19 0 42.4 | 16.782 | (213.) Ll. B. |
| 1417 | 10 | 21 47 16.47 | 2.818 | 19 0 38.7 | 16.784 | (213.) |
| 1418 | 8 9 | 21 47 21.34 | 2.807 | 19 45 58.6 | 16.788 | (213.) B. R. |
| 1419 | 10 | 21 47 22.36 | 2.869 | 15 22 14.3 | 16.789 | V. |
| 1420 | 10 | 21 47 55.14 | 2.869 | 15 23 31.8 | 16.815 | (300.) |
| 1421 | 9 | 21 48 8.08 | 2.844 | 17 17 46.9 | 16.825 | VI. Ll. R. |
| 1422 | 10 | 21 48 17.92 | 2.814 | 19 27 38.6 | 16.833 | (213.) B. |
| 1423 | 10 | 21 48 29.95 | 2.845 | 17 11 40.3 | 16.842 | (210.) |
| 1424 | 10 | 21 48 33.91 | 2.858 | 16 24 2.7 | 16.845 | VII. R. |
| 1425 | 9. 10 | 21 48 34.25 | 2.863 | 16 0 16.0 | 16.845 | VIII. |
| 1426 | 9 | 21 49 5.61 | 2.817 | 19 19 44.3 | 16.871 | (213.) B. |
| 1427 | 10 | 21 49 17.94 | 2.853 | 16 41 42.0 | 16.880 | (300.) |
| 1428 | 7 | 21 49 23.22 | 2.799 | 20 31 44.4 | 16.884 | (216.) Ll. B. R. |
| 1429 | 10 | 21 49 29.30 | 2.871 | 15 24 48.0 | 16.889 | (204.) R. |
| 1430 | 8 | 21 49 34.97 | 2.803 | 20 26 57.2 | 16.894 | (216.) Ll. R. |
| 1431 | 9. 10 | 21 49 42.26 | 2.866 | 15 53 57.0 | 16.900 | (206.) |
| 1432 | 9. 10 | 21 49 44.74 | 2.855 | 16 43 44.1 | 16 902 | (300.) Ll. |

I. (208) -0.06 +0.3; (210) +0.07 -0.2. II. (209) +0.11 -3.2; (211) -0.11 +3.3. III. (209) +0.20 -4.9; (211) -0.20 +4.9. IV. (208) +0.08 +0.9; (210) -0.07 -0.9. V. (202) +0.01 -1.2; (300) -0.01 +1.3. VI. (209) -0.03 -0.4; (210) +0.02 -1.4; (211) +0.02 +1.8. VII. (204) -0.36 -1.7; (208) +0.19 +4.0; (300) +0.07 -2.3. VIII. (206) +0.16 +1.1; (300) -0.16 -1.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1433 | 9 | 21 49 54.22 | + 2.851 | +16 58 13.9 | + 16.908 | I. Ll. R. |
| 1434 | 9 | 21 49 57.23 | 2.866 | 15 53 23.2 | 16.908 | (206.) |
| 1435 | 10 | 21 50 7.45 | 2.850 | 17 3 37.2 | 16.919 | II. |
| 1436 | 9. 10 | 21 50 10.93 | 2.850 | 17 3 2.8 | 16.922 | III. |
| 1437 | 9 | 21 50 36.67 | 2.817 | 19 35 23.2 | 16.942 | (215.) Ll. B. R. |
| 1438 | 9 | 21 50 37.68 | 2.877 | 15 9 52.7 | 16.942 | (202.) |
| 1439 | 10 | 21 50 40.08 | 2.817 | 19 31 40.8 | 16.944 | (213.) R. |
| 1440 | 9. 10 | 21 50 49.85 | 2.859 | 16 28 8.2 | 16.948 | IV. |
| 1441 | 10 | 21 51 6.35 | 2.856 | 16 42 44.5 | 16.965 | (300.) |
| 1442 | 10 | 21 51 6.48 | 2.859 | 16 30 45.6 | 16.965 | (206.) |
| 1443 | 7. 8 | 21 51 52.62 | 2.836 | 18 18 28.2 | 17.001 | (211.) B. R. |
| 1444 | 9 | 21 52 11.44 | 2.839 | 18 4 37.3 | 17.016 | (209) |
| 1445 | 9 | 21 52 11.48 | 2.862 | 16 24 38.6 | 17.016 | V. Ll. R. |
| 1446 | 10 | 21 52 14.66 | 2.859 | 16 36 14.6 | 17.019 | (300.) R. |
| 1447 | 10 | 21 52 28.29 | 2.832 | 18 36 6.6 | 17.028 | VI. B. |
| 1448 | 10 | 21 52 28.90 | 2.876 | 15 19 29.5 | 17.029 | (202.) |
| 1449 | 10 | 21 53 1.62 | 2.839 | 18 11 24.2 | 17.055 | (211.) |
| 1450 | 10 | 21 53 5.67 | 2.865 | 16 16 2.2 | 17.058 | (300.) |
| 1451 | 9 | 21 53 7.46 | 2.826 | 19 11 34.2 | 17.059 | (213.) B. |
| 1452 | 10 | 21 53 9.00 | 2.824 | 19 19 17.5 | 17.060 | (300.) |
| 1453 | 9 | 21 53 31.01 | 2.881 | 15 10 53.4 | 17.077 | (202.) |
| 1454 | 10 | 21 53 48.62 | 2.881 | 15 10 9.8 | 17.091 | (202.) |
| 1455 | 9 | 21 53 50.84 | 2.836 | 18 33 42.5 | 17.092 | (211.) B. |
| 1456 | 10 | 21 53 53.70 | 2.862 | 16 36 12.0 | 17.094 | (300.) |
| 1457 | 9. 10 | 21 53 58.91 | 2.832 | 18 49 15.0 | 17.098 | (213.) R. |
| 1458 | 9. 10 | 21 54 3.34 | 2.846 | 17 51 16.9 | 17.101 | (210.) B. |
| 1459 | 10 | 21 54 26 38 | 2.857 | 17 0 17.6 | 17.119 | (300.) |

I. (208) +0.25 +1.8; (209) +0.18 -1.3; (210) -0.25 -1.2; (300) -0.16 +0.6.
II. (208) -0.12 +0.6; (210) +0.12 -0.5. III. (208) +0.22 +2.5; (210) -0.13 -0.5; (300) -0.09 -2.1. IV. (206) -4.69 +1.2; (300) +4.69 -1.1. V. (206) -0.08 +1.2; (208) +0.05 -0.9; (300) +0.02 -0.3. VI. (211) -0.18 +0.3; (213) +0.18 -0.2.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1460 | 9. 10 | 21 54 28.66 | + 2.882 | +15 5 12.9 | + 17.121 | (202.) |
| 1461 | 10 | 21 55 13.79 | 2.837 | 18 37 58.2 | 17.155 | I. B. |
| 1462 | 9 | 21 55 13.80 | 2.844 | 18 6 39.6 | 17.155 | (210.) B. R. |
| 1463 | 10 | 21 55 14.20 | 2.822 | 19 44 33.0 | 17.155 | (213.) R. |
| 1464 | 9 | 21 55 23.63 | 2.849 | 17 43 18.1 | 17.163 | (209.) Ll. R. |
| 1465 | 10 | 21 55 26.04 | 2.821 | 19 49 4.1 | 17.165 | (213.) B. |
| 1466 | 10 | 21 55 32.23 | 2.852 | 17 34 56.5 | 17.169 | II. Ll. |
| 1467 | 9 | 21 55 32.26 | 2.851 | 17 32 31.0 | 17.169 | (208.) |
| 1468 | 7 | 21 55 42.03 | 2.885 | 15 3 36.5 | 17.177 | (202.) Ll. R. |
| 1469 | 9 | 21 56 3.40 | 2 845 | 18 9 47.4 | 17.192 | III. B. R. |
| 1470 | 10 | 21 56 42.02 | 2.841 | 18 33 39.1 | 17.222 | IV. |
| 1471 | 9 | 21 57 13.34 | 2.828 | 19 32 43.0 | 17.244 | V. B. |
| 1472 | 9 | 21 57 21.78 | 2.817 | 20 19 36.8 | 17.252 | (305.) B. |
| 1473 | 9 | 21 57 44.23 | 2.866 | 16 45 12.8 | 17.268 | VI. R. |
| 1474 | 9 | 21 57 49.56 | 2.817 | 20 31 48.7 | 17.272 | (305.) |
| 1475 | 8. 9 | 21 57 53.69 | 2.819 | 20 20 7.8 | 17.275 | (305.) B. R. |
| 1476 | 10 | 21 58 4.90 | 2.840 | 18 47 59.7 | 17.284 | VII. B. |
| 1477 | 9 | 21 58 6.86 | 2.841 | 18 41 15.3 | 17.286 | VIII. B. |
| 1478 | 10 | 21 58 19.65 | 2.852 | 17 52 32.0 | 17.295 | (211.) |
| 1479 | 9 | 21 58 19.95 | 2.886 | 15 14 50.2 | 17.295 | (202.) |
| 1480 | 8. 9 | 21 58 22.73 | 2.866 | 16 47 6.9 | 17.297 | IX. Ll. R. |
| 1481 | 9. 10 | 21 58 51.57 | 2.864 | 17 4 10.2 | 17.319 | X. B. |
| 1482 | 9 | 21 58 59.09 | 2.820 | 20 21 42.1 | 17.324 | (305.) |
| 1483 | 9 | 21 59 30.14 | 2 891 | 15 1 10.6 | 17.346 | XI. R. |

I. (211) -0.43 -1.8; (212) +0.43 +1.9. II. (208) -0.17 +0.7; (210) +0.17 -0.7. III. (211) -0.25 +2.9; (212) +0.25 -2.8. IV. (211) -0.19 +4.0; (212) +0.20 -4.0. V. (212) -0.08 -0.5; (213) -0.01 +0.2; (305) +0.10 +0.3. VI. (206) +0.09 +0.7; (208) -0.05 -2.2; (209) +0.05 +1.6; (210) -0.07 -0.1. VII. (212) +0.03 -0.9; (213) -0.03 +0.9. VIII. (212) -0.05 +1.6; (213) +0.06 -1.5. IX. (206) -0.03 +0.4; (208) +0.17 -0.7; (209) -0.16 +0.4; (210) +0.02 -0.2. X. (206) -0.07 +2.9; (210) +0.07 -2.9. XI. (202) +0.01 —; (204) -0.01 0.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1484 | 10 | 21 59 40.75 | + 2.867 | +16 53 25.9 | + 17.354 | I. |
| 1485 | 9 | 21 59 43.91 | 2.823 | 20 16 41.1 | 17.356 | (305.) B. |
| 1486 | 9 | 21 59 52.32 | 2.858 | 17 35 22.1 | 17.363 | II. R. |
| 1487 | 9 | 22 0 4.50 | 2.866 | 16 59 5.6 | 17.370 | (206.) B. |
| 1488 | 9. 10 | 22 0 6.24 | 2.820 | 20 31 29.5 | 17.372 | III. |
| 1489 | 9. 10 | 22 0 16.21 | 2.868 | 16 52 47.8 | 17.379 | IV. B. |
| 1490 | 8 | 22 0 19.70 | 2.863 | 17 16 18.5 | 17.383 | V. Ll. B. R. |
| 1491 | 7. 8 | 22 0 20.33 | 2.844 | 18 44 35.9 | 17.383 | VI. Ll. R. |
| 1492 | 7 | 22 0 47.94 | 2.816 | 20 58 28.0 | 17.402 | VII. Ll. B. R. |
| 1493 | 8 | 22 0 57.90 | 2.870 | 16 49 37.7 | 17.410 | VIII. |
| 1494 | 9 | 22 1 53.84 | 2.860 | 17 45 17.8 | 17.450 | IX. B. |
| 1495 | 9 | 22 1 59.11 | 2.892 | 15 13 40.9 | 17.453 | (204.) |
| 1496 | 9. 10 | 22 2 0.02 | 2.853 | 18 15 55.0 | 17.455 | (211.) B. |
| 1497 | 9 | 22 2 47.05 | 2.858 | 18 2 57.4 | 17.487 | (210.) |
| 1498 | 9 | 22 2 51.82 | 2.828 | 20 24 33.4 | 17.492 | (305.) Ll. |
| 1499 | 10 | 22 2 51.94 | 2.856 | 18 9 28.1 | 17.492 | (210.) |
| 1500 | 9 | 22 2 56.53 | 2.883 | 16 2 47.8 | 17.495 | X. R. |
| 1501 | 8. 9 | 22 3 10.55 | 2.848 | 18 53 2.7 | 17.506 | XI. Ll. B. |
| 1502 | 8 | 22 3 13.19 | 2.858 | 18 3 45.8 | 17.507 | XII. |
| 1503 | 8. 9 | 22 3 14.41 | 2.883 | 15 58 22.2 | 17.507 | XIII. Ll. R. |
| 1504 | 9 | 22 3 22.27 | 2.847 | 18 52 13.1 | 17.513 | XIV. Ll. B. |
| 1505 | 7 | 22 3 25.26 | 2.830 | 20 14 32.8 | 17.515 | (305.) Ll. |
| 1506 | 10 | 22 3 54.61 | 2.867 | 17 28 34.2 | 17.536 | (211.) |
| 1507 | 9. 10 | 22 3 58.37 | 2.847 | 19 2 6.6 | 17.538 | (212.) B. |

I. (206) +0.05 +2.9; (210) -0.05 -2.8. II. (208) +0.01 +0.6; (209) -0.08 -4.9; (211) +0.06 +4.4. III. (216) -0.03 +1.4; (305) +0.03 -1.4. IV. (206) +0.25 +4.9; (208) +0.05 -2.0; (209) -0.24 +0.3; (210) -0.05 -3.0. V. (208) +0.17 +1.7; (209) -0.05 -2.7; (211) -0.12 +0.9. VI. (212) +0.28 0.0; (213) -0.27 [-34.1]. VII. (216) -0.28 +1.1; (217) +0.18 -0.1; (218) -0.01 -1.0; (305) +0.13 +0.2. VIII. (206) -0.08 +0.5; (208) +0.09 +1.1; (209) +0.08 +1.1; (210) -0.08 -2.6. IX. (210) +0.07 -3.0; (211) -0.06 +3.0. X. (204) -0.03 -0.9; (206) +0.03 +0.9. XI. (212) +0.11 -1.4; (213) -0.10 +1.4. XII. (210) -0.06 -4.1; (211) +0.07 +4.1. XIII. (204) -0.08 -0.3; (206) +0.09 +0.4. XIV. (212) +0.10 -3.0; (213) -0.10 +3.0.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1508 | 9 | 22 4 2.72 | + 2.872 | +17 0 9.3 | + 17.541 | I. R. |
| 1509 | 10 | 22 4 13.09 | 2.846 | 19 4 48.0 | 17.549 | (212.) B. |
| 1510 | 10 | 22 4 15.19 | 2.868 | 17 21 10.0 | 17.556 | (211.) |
| 1511 | 9. 10 | 22 4 17.81 | 2.838 | 19 45 52.9 | 17.552 | (305.) R. |
| 1512 | 9 | 22 4 17.88 | 2.875 | 16 46 55.9 | 17.552 | II. R. |
| 1513 | 10 | 22 4 25.50 | 2.873 | 16 30 24.6 | 17.557 | (206.) |
| 1514 | 9 | 22 4 28.07 | 2.861 | 17 35 16.7 | 17.559 | (210.) R. |
| 1515 | 10 | 22 4 31.55 | 2.824 | 20 53 39.8 | 17.562 | (216.) B. |
| 1516 | 7. 8 | 22 4 36.81 | 2.894 | 15 19 11.0 | 17.565 | (204.) Ll. R. |
| 1517 | 10 | 22 5 16.00 | 2.852 | 18 43 18.8 | 17.598 | (213.) |
| 1518 | 9 | 22 5 24.19 | 2.881 | 16 26 49.0 | 17.598 | III. R. |
| 1519 | 10 | 22 5 24.70 | 2.862 | 17 59 24.6 | 17.599 | (210.) |
| 1520 | 10 | 22 5 27.68 | 2.862 | 18 0 55.2 | 17.601 | (210.) |
| 1521 | 8 | 22 5 59.25 | 2.869 | 17 32 29.1 | 17.622 | IV. Ll. |
| 1522 | 10 | 22 6 5.82 | 2.872 | 16 27 3.4 | 17.628 | (206.) |
| 1523 | 10 | 22 6 20.94 | 2.834 | 20 23 13.0 | 17.639 | (305.) B. |
| 1524 | 9 | 22 6 28.71 | 2.861 | 18 9 46.6 | 17.643 | V. B. R. |
| 1525 | 8 | 22 6 34.31 | 2.836 | 20 18 28.8 | 17.647 | (305.) B. R. |
| 1526 | 9. 10 | 22 6 36.37 | 2.848 | 19 29 46.5 | 17.649 | (213.) |
| 1527 | 9. 10 | 22 6 38.01 | 2.847 | 19 27 33.2 | 17.650 | VI. R. |
| 1528 | 10 | 22 6 52.08 | 2.872 | 17 22 50.5 | 17.660 | (210.) |
| 1529 | 10 | 22 6 58.61 | 2.842 | 19 49 3.6 | 17.664 | VII. |
| 1530 | 7. 8 | 22 7 6.22 | 2.884 | 16 27 2.5 | 17.670 | VIII. R. |
| 1531 | 9 | 22 7 8.55 | 2.874 | 17 16 41.4 | 17.671 | IX. Ll. B. R. |
| 1532 | 8 | 22 7 55.41 | 2.836 | 20 32 10.1 | 17.703 | (305.) Ll. B. R. |
| 1533 | 8. 9 | 22 8 15.66 | 2.868 | 17 51 33.3 | 17.718 | X. Ll. B. |

I. (208) +0.24 -1.7; (209) -0.23 +1.7. II. (208) -0.04 -0.2; (209) +0.04 +0.3. III. (206) -0.09 -1.1; (208) +0.09 +1.1. IV. (208) +0.03 -2.9; (209) +0.03 +1.2; (211) -0.05 +1.6. V. (211) +0.11 +3.6; (212) -0.11 -3.5. VI. (212) -0.29 +1.7; (213) +0.30 -1.7. VII. (213) +0.34 -3.9; (305) -0.33 +3.9. VIII. (204) -0.04 +1.1; (206) +0.01 +1.0; (208) +0.04 -2.2. IX. (208) +0.16 +0.9; (209) -0.02 -1.2; (211) -0.14 +0.4. X. (206) +0.20 -1.0; (210) +0.05 -2.6; (211) -0.24 +3.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1534 | 9 | 22 8 21.98 | + 2.888 | +16 12 14.7 | + 17.722 | (206.) |
| 1536 | 10 | 22 8 48.70 | 2.859 | 18 45 28.7 | 17.739 | (212.) |
| 1536 | 9. 10 | 22 8 49.85 | 2.870 | 17 49 34.6 | 17.741 | I. B. R. |
| 1537 | 10 | 22 8 54.96 | 2.878 | 17 9 41.7 | 17.744 | (210.) |
| 1538 | 10 | 22 9 6.77 | 2.883 | 16 44 54.1 | 17.752 | (206.) |
| 1539 | 10 | 22 9 11.46 | 2.846 | 19 49 59.9 | 17.756 | (218.) |
| 1540 | 9. 10 | 22 9 12.13 | 2.893 | 20 54 49.2 | 17.756 | II. B. |
| 1541 | 10 | 22 9 13.26 | 2.879 | 17 9 2.6 | 17.757 | (210.) |
| 1542 | 10 | 22 10 0.82 | 2.858 | 18 59 39.3 | 17.790 | (212.) |
| 1543 | 10 | 22 10 0.92 | 2.886 | 16 40 36.9 | 17.790 | (206.) |
| 1544 | 9 | 22 10 8.52 | 2.837 | 20 41 33.8 | 17.794 | (305.) B. R. |
| 1545 | 10 | 22 10 21.48 | 2.870 | 18 1 52.8 | 17.803 | (210.) |
| 1546 | 9 | 22 10 26.36 | 2.837 | 20 45 58.6 | 17.806 | (305.) |
| 1547 | 9 | 22 10 27.50 | 2.886 | 16 49 8.0 | 17.806 | III. |
| 1548 | 9 | 22 10 42.64 | 2.855 | 19 21 32.9 | 17.818 | IV. |
| 1549 | 9 | 22 10 48.73 | 2.868 | 18 17 27.6 | 17.821 | (211.) Ll. R. |
| 1550 | 8 | 22 10 50.13 | 2.901 | 15 28 32.5 | 17.822 | (204.) R. |
| 1551 | 10 | 22 10 57.64 | 2.836 | 20 56 39.4 | 17.827 | (305.) |
| 1552 | 9 | 22 10 58.91 | 2.891 | 16 19 32.2 | 17.827 | (206.) |
| 1553 | 9 | 22 10 58.89 | 2.875 | 17 40 33.1 | 17.827 | (211.) R. |
| 1554 | 9 | 22 10 59.09 | 2.876 | 17 34 59.5 | 17.827 | (209.) |
| 1555 | 9. 10 | 22 11 35.81 | 2.879 | 18 32 13.7 | 17.853 | (212.) |
| 1556 | 8 | 22 11 37.21 | 2.859 | 19 12 53.3 | 17.853 | V. Ll. B. R. |
| 1557 | 9. 10 | 22 11 45.11 | 2.839 | 20 52 26.3 | 17.859 | (305.) |
| 1558 | 9 | 22 11 51.63 | 2.874 | 17 54 21.2 | 17.863 | (211.) R. |
| 1559 | 9 | 22 11 59.35 | 2.881 | 17 19 46.9 | 17.867 | VI. R. |
| 1560 | 9. 10 | 22 12 4.09 | 2.861 | 19 9 2.6 | 17.871 | VII. B. |

I. (210) +0.25 -3.5; (211) -0.25 +3.5. II. (216) -0.13 -1.7; (217) +0.25 +1.2; (305) -0.13 +0.6. III. (206) 0.00 -1.2; (208) +0.01 +1.2. IV. (212) -0.25 +1.7; (213) +0.26 -1.6. V. (212) +0.12 +1.5; (213) -0.12 -1.5. VI. (208) +0.04 +0.7; (210) +0.03 -3.3; (211) -0.06 +2.6. VII. (212) -0.04 +0.9; (213) +0.04 -0.8.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1561 | 8. 9 | 22 12 24.49 | + 2.903 | + 15 24 42.1 | + 17.884 | (204.) |
| 1562 | 8 | 22 12 27.44 | 2.847 | 20 16 28.0 | 17.886 | (305.) Ll. B. R. |
| 1563 | 9 | 22 12 28.77 | 2.845 | 20 22 3.4 | 17.887 | (305.) R. |
| 1564 | 9 | 22 12 49.23 | 2.875 | 17 57 25.3 | 17.900 | (210.) |
| 1565 | 10 | 22 13 13.96 | 2.881 | 16 36 52.0 | 17.916 | (206.) |
| 1566 | 9 | 22 13 15.05 | 2.840 | 20 55 45.9 | 17.917 | (305.) |
| 1567 | 9. 10 | 22 13 34.13 | 2.867 | 18 47 19.8 | 17.929 | (212.) B. |
| 1568 | 10 | 22 13 40.44 | 2.859 | 20 23 24.8 | 17.934 | (305.) |
| 1569 | 9 | 22 13 57.88 | 2.886 | 17 13 5.1 | 1 .945 | I. Ll. B. R. |
| 1570 | 10 | 22 14 4.79 | 2.901 | 15 52 54.3 | 17.950 | (206.) |
| 1571 | 10 | 22 14 8.60 | 2.901 | 15 50 45.9 | 17.952 | (206.) |
| 1572 | 8 | 22 14 18.66 | 2.850 | 20 17 40.5 | 17.958 | (305.) Ll. B. R. |
| 1573 | 9 | 22 14 36.34 | 2.852 | 20 14 17.8 | 17.970 | (305.) B. |
| 1574 | 9 | 22 15 12.29 | 2.846 | 20 45 47.6 | 17.993 | (305.) |
| 1575 | 10 | 22 15 27.53 | 2.893 | 16 41 20.6 | 18.003 | (206.) |
| 1576 | 9 | 22 15 42.39 | 2.877 | 18 17 11.4 | 18.013 | II. Ll. R. |
| 1577 | 9. 10 | 22 15 49.36 | 2.870 | 18 50 11.8 | 18.017 | (213.) |
| 1578 | 10 | 22 16 9.72 | 2.895 | 16 47 37.9 | 18.031 | (206.) |
| 1579 | 8. 9 | 22 16 13.37 | 2.894 | 16 54 0.0 | 18.033 | III. Ll. R. |
| 1580 | 8 | 22 16 25.26 | 2.856 | 20 6 27.2 | 18.041 | (305.) Ll. B. R. |
| 1581 | 8 | 22 16 26.99 | 2.856 | 20 5 28.1 | 18.042 | (305.) Ll. B. R. |
| 1582 | 9 | 22 16 29.05 | 2.876 | 18 25 58.2 | 18.043 | IV. Ll. B. R. |
| 1583 | 10 | 22 16 30.88 | 2.889 | 17 16 38.4 | 18.045 | V. B. |
| 1584 | 9. 10 | 22 16 57.03 | 2.901 | 16 15 35.2 | 18.061 | (208.) |
| 1585 | 9 | 22 17 8.11 | 2.910 | 15 30 19.6 | 18.068 | (204.) Ll. R. |
| 1586 | 9 | 22 17 23.13 | 2.865 | 19 31 10.3 | 18.078 | VI. B. |
| 1587 | 9 | 22 17 31.81 | 2.881 | 18 6 20.7 | 18.083 | VII. Ll. |

I. (208) -0.02 -2.5; (211) +0.03 +2.5. II. (211) -0.19 0.0; (212) +0.19 0.0. III. (208) -0.03 +2.9; (209) +0.04 -2.9. IV. (211) -0.22 +1.8; (212) -0.04 -1.8; (213) +0.26 0.0. V. (208) -0.23 -1.2; (209) +0.24 +1.3. VI. (212) 0.00 +0.5; (305) +0.01 -0.4. VII. (210) +0.01 +4.4; (211) 0.00 -4.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1588 | 10 | 22 17 32.68 | + 2.877 | +18 28 6.5 | + 18.084 | (213.) B |
| 1589 | 9 | 22 17 39.27 | 2.894 | 17 0 16.1 | 18.087 | (206.) |
| 1590 | 9 | 22 17 39.32 | 2.895 | 16 55 16.3 | 18.087 | (209.) |
| 1591 | 9. 10 | 22 17 40.30 | 2.853 | 20 44 18.0 | 18.088 | (305.) |
| 1592 | 9 | 22 18 1.91 | 2.869 | 19 19 38.5 | 18.103 | (212.) B. |
| 1593 | 9 | 22 18 15.20 | 2.906 | 16 1 20.9 | 18.110 | (206.) |
| 1594 | 9 | 22 18 22.44 | 2.868 | 19 22 32.7 | 18.115 | I. B. |
| 1595 | 8 | 22 18 26.57 | 2.887 | 17 40 56.1 | 18.118 | II. Ll. B. R. |
| 1596 | 10 | 22 18 26.84 | 2.906 | 15 55 50.4 | 18.118 | (206.) |
| 1597 | 9 | 22 18 31.99 | 2.858 | 20 27 24.1 | 18.121 | (305.) |
| 1598 | 9 | 22 18 54.32 | 2.859 | 20 20 10.6 | 18.135 | (305.) B. |
| 1599 | 9. 10 | 22 18 55.63 | 2.893 | 17 17 10.3 | 18.137 | III. B. |
| 1600 | 9 | 22 19 9.32 | 2.859 | 20 19 52.1 | 18.144 | (305.) B. |
| 1601 | 10 | 22 19 16.61 | 2.878 | 18 39 9.2 | 18.149 | (213.) |
| 1602 | 9 | 22 19 18.75 | 2.868 | 19 32 4.4 | 18.150 | (212.) B. |
| 1603 | 9. 10 | 22 19 36.53 | 2.874 | 19 11 58.2 | 18.161 | IV. B. |
| 1604 | 9 | 22 19 40.31 | 2.900 | 16 45 37.2 | 18.163 | (210.) |
| 1605 | 9. 10 | 22 19 43.74 | 2.911 | 15 25 0.0 | 18.165 | V. |
| 1606 | 9 | 22 19 58.23 | 2.858 | 20 37 10.2 | 18.175 | (305.) R. |
| 1607 | 10 | 22 20 28.45 | 2.911 | 15 44 30.2 | 18.193 | (206.) |
| 1608 | 9. 10 | 22 20 31.55 | 2.868 | 19 51 41.4 | 18.195 | VI. |
| 1609 | 9 | 22 20 37.93 | 2.867 | 19 54 42.2 | 18.199 | VII. B. |
| 1610 | 8 | 22 20 40.08 | 2.904 | 16 30 0.1 | 18.200 | (208.) |
| 1611 | 10 | 22 20 50.19 | 2.890 | 17 51 16.5 | 18.206 | (210.) |
| 1612 | 8. 9 | 22 20 54.99 | 2.905 | 16 29 59.4 | 18.209 | VIII. Ll. R. } Doppelst. |
| 1613 | 10 | 22 20 55.58 | 2.905 | 16 29 56.8 | 18.210 | IX. Ll. R. } Doppelst. |
| 1614 | 9 | 22 20 57.27 | 2.882 | 18 40 59.2 | 18.210 | (212.) |

I. (212) -0.06 +3.0; (213) +0.07 -2.9. II. (209) +0.02 -1.2; (210) -0.03 -2.6; (211) 0.00 +3.8. III. (208) +0.07 +0.1.; (209) -0.07 0.0. IV. (212) -0.13 -0.1; (213) +0.13 +0.2. V. (204) -0.13 -0.8; (206) +0.13 +0.8. VI. (213) -0.11 +0.5; (305) +0.12 -0.4. VII. (213) -0.41 -2.0; (305) +0.41 +2.0. VIII. (204) +0.16 -0.8; (206) +0.03 -1.2; (209) -0.20 +2.1. IX. (206) +0.04 +1.4; (209) -0.03 -1.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1615 | 10 | 22 21 3.55 | + 2.882 | +18 36 13.1 | + 18.214 | (212.) B. |
| 1616 | 9 | 22 21 17.45 | 2.860 | 20 37 49.4 | 18.222 | (305.) Ll. B. R. |
| 1617 | 9 | 22 21 30.28 | 2.872 | 19 33 48.4 | 18.230 | (213.) |
| 1618 | 10 | 22 21 31.41 | 2.896 | 17 27 10.4 | 18.231 | (210.) R. |
| 1619 | 9 | 22 21 32.25 | 2.907 | 16 22 4.1 | 18.231 | I. Ll. R. |
| 1620 | 10 | 22 21 53.73 | 2.897 | 17 25 38.1 | 18.244 | (210.) |
| 1621 | 8 | 22 21 56.84 | 2.862 | 20 37 43.5 | 18.246 | (305.) Ll. B. R. |
| 1622 | 9 | 22 22 25.38 | 2.911 | 16 6 16.9 | 18.263 | (204.) |
| 1623 | 9 | 22 22 30.10 | 2.874 | 19 33 47.6 | 18.266 | II. B. |
| 1624 | 9 | 22 22 41.08 | 2.912 | 16 6 29.6 | 18.273 | (204.) |
| 1625 | 10 | 22 23 7.54 | 2.899 | 17 23 50.1 | 18.289 | (210.) |
| 1626 | 8 | 22 23 13.10 | 2.921 | 15 15 5.1 | 18.292 | (204.) Ll. R. |
| 1627 | 10 | 22 23 21.53 | 2.901 | 17 8 26.8 | 18.297 | (206.) |
| 1628 | 9 | 22 23 22,43 | 2.899 | 17 22 13.7 | 18.297 | III. B. R. |
| 1629 | 9 | 22 23 26.17 | 2.901 | 17 12 24.9 | 18.300 | IV. Ll. B. R. |
| 1630 | 10 | 22 23 27.79 | 2.910 | 16 29 0.2 | 18.301 | (206.) |
| 1631 | 9 | 22 23 35.83 | 2.870 | 20 14 45.3 | 18.306 | (305.) B. |
| 1632 | 10 | 22 24 5.89 | 2.907 | 16 44 51.3 | 18.324 | (210.) |
| 1633 | 9 | 22 24 6.75 | 2.869 | 20 23 1.9 | 18.324 | (305.) |
| 1634 | 9 | 22 24 37.24 | 2.917 | 15 53 3.7 | 18.341 | (204.) |
| 1635 | 9 | 22 25 12,57 | 2.907 | 16 54 30.1 | 18.363 | V. R. |
| 1636 | 8 | 22 25 13.44 | 2.887 | 18 51 3.8 | 18.363 | (212.) Ll. |
| 1637 | 10 | 22 25 15.69 | 2.878 | 19 34 11.8 | 18.365 | (213.) B. R. |
| 1638 | 8 | 22 25 20.85 | 2.880 | 19 27 33.2 | 18.367 | VI. R. |
| 1639 | 10 | 22 25 54.21 | 2.906 | 17 9 4.6 | 18.386 | (209.) |
| 1640 | 9 | 22 25 55.39 | 2.909 | 16 48 55.4 | 18.387 | VII. R. |
| 1641 | 8 | 22 25 55.55 | 2.907 | 17 0 50.0 | 18.388 | VIII. Ll. B. |

I. (204) -0.27 -2.3; (208) +0.28 +2.4. II. (212) +0.38 -2.5; (305) -0.38 +2.5. III. (210) +0.02 0.0; (211) -0.01 [-31.4]. IV. (209) +0.04 -6.2; (211) -0.03 +6.2. V. (206) +0.38 +1.4; (208) +0.05 +1.9; (210) -0.43 -3.3. VI. (212) +0.16 [+32.8]; (213) -0.15 0.0. VII. (206) +0.05 +1.9; (210) -0.05 -1.9. VIII. (208) -0.01 -1.9; (209) +0.02 +1.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1642 | 10 | 22 25 56.27 | + 2.910 | +16 45 57.7 | + 18.388 | I. R. |
| 1643 | 7 | 22 26 9.60 | 2.926 | 15 9 57.0 | 18.396 | (204.) Ll. R. |
| 1644 | 9. 10 | 22 26 31.39 | 2.908 | 17 5 1.1 | 18.408 | II. B. |
| 1645 | 8 | 22 26 46.70 | 2.927 | 15 15 7.0 | 18.417 | (204.) R. |
| 1646 | 9. 10 | 22 26 57.65 | 2.909 | 16 57 52.2 | 18.424 | III. |
| 1647 | 8 | 22 27 13.63 | 2.927 | 15 17 16.0 | 18.433 | (204.) R. |
| 1648 | 10 | 22 27 14.47 | 2.909 | 17 0 54.9 | 18.433 | IV. |
| 1649 | 9 | 22 27 28.19 | 2.887 | 19 12 11.0 | 18.441 | V. R. |
| 1650 | 9 | 22 27 37.58 | 2.906 | 17 26 51.7 | 18.447 | (211.) B. |
| 1651 | 10 | 22 27 54.84 | 2.889 | 19 12 56.8 | 18.457 | VI. B. |
| 1652 | 10 | 22 27 57.03 | 2.928 | 15 15 32.8 | 18.458 | (204.) |
| 1653 | 10 | 22 28 13.14 | 2.918 | 16 19 30.6 | 18.468 | (206.) |
| 1654 | 10 | 22 28 20.71 | 2.904 | 17 39 58.9 | 18.472 | (210.) |
| 1655 | 10 | 22 28 29.92 | 2.909 | 17 8 34.5 | 18.477 | (208.) |
| 1656 | 8 | 22 28 32.80 | 2.893 | 18 56 30.9 | 18.479 | VII. Ll. B. R. |
| 1657 | 8 | 22 28 36.82 | 2.886 | 19 30 11.2 | 18.481 | (213.) Ll. R. |
| 1658 | 9 | 22 28 56.80 | 2.873 | 20 55 36.3 | 18.493 | VIII. R. |
| 1659 | 9. 10 | 22 29 0.14 | 2.921 | 16 11 38.6 | 18.494 | IX. |
| 1660 | 9. 10 | 22 29 2.02 | 2.875 | 20 45 51.3 | 18.495 | (217.) |
| 1661 | 10 | 22 29 10.73 | 2.902 | 18 4 59.3 | 18.501 | (210.) |
| 1662 | 9. 10 | 22 29 40.30 | 2.874 | 20 58 29.7 | 18.517 | X. B. |
| 1663 | 9. 10 | 22 29 44.11 | 2.918 | 16 24 4.7 | 18.519 | XI. |
| 1664 | 8. 9 | 22 29 51.37 | 2.919 | 16 30 19.9 | 18.523 | XII. Ll. B R. |
| 1665 | 9. 10 | 22 29 51.45 | 2.875 | 20 55 35.8 | 18.523 | XIII. B. |

I. (206) +0.03 +2.0; (210) -0.02 -1.9. II. (206) +0.06 +1.5; (208) +0.05 -0.6; (209) -0.12 -0.9. III. (208) -0.04 +0.3; (210) +0.04 -0.2. IV. (206) +0.10 +1.0; (208) -0.40 -0.8; (210) +0.31 -0.1. V. (212) +0.06 -0.3; (213) -0.05 +0.4. VI. (212) -0.29 +1.9; (213) +0.30 -1.8. VII. (212) +0.11 +1.3; (213) -0.12 -1.3. VIII. (216) -0.01 -4.3; (217) +0.07 -1.7; (218) -0.07 +6.1. IX. (204) -0.12 0.0; (208) +0 12 +0.1. X. (216) 0.00 -0.7; (217) 0.00 +0.7. XI. (204) +0.05 -2.0; (206) -0.08 +2.9; (208) +0.02 -0.8. XII. (204) +0.10 -0.3; (206) -0.07 +1.2; (208) 0.00 -1.2; (209) -0.03 +0.3. XIII. (216) -0.05 +0.7; (217) +0.16 -2.9; (218) -0.12 +2.2.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1666 | 9 | 22 30 3.00 | + 2.900 | +18 22 10.7 | + 18.530 | (212.) B. |
| 1667 | 10 | 22 30 50.80 | 2.915 | 17 2 28.8 | 18.556 | (210.) B. |
| 1668 | 8 | 22 31 37.37 | 2.900 | 18 44 51.7 | 18.581 | I. Ll. B. R. |
| 1669 | 10 | 22 31 41.12 | 2.907 | 18 3 9.9 | 18.584 | (210.) B. |
| 1670 | 9 | 22 31 44.15 | 2.920 | 16 40 39.8 | 18.585 | (208.) |
| 1671 | 10 | 22 32 0.34 | 2.878 | 20 59 39.0 | 18.594 | (216.) |
| 1672 | 8. 9 | 22 32 31.38 | 2.901 | 18 54 3.6 | 18.611 | II. Ll. B. R. |
| 1673 | 8 | 22 32 36.94 | 2.926 | 16 18 22.9 | 18.614 | (206.) |
| 1674 | 10 | 22 32 44.59 | 2.899 | 19 3 55.4 | 18.619 | (212.) B. |
| 1675 | 9 | 22 32 56.00 | 2.927 | 16 11 58.8 | 18.625 | (208.) |
| 1676 | 9 | 22 33 10.27 | 2.903 | 18 41 2.2 | 18.632 | (213.) |
| 1677 | 10 | 22 33 11.88 | 2.903 | 18 33 44.7 | 18.633 | (213.) |
| 1678 | 8. 9 | 22 33 14.89 | 2.898 | 19 15 38.1 | 18.635 | (212.) Ll. B. R. |
| 1679 | 9. 10 | 22 33 24.28 | 2.897 | 19 17 57.2 | 18.640 | (212.) B. R. |
| 1680 | 10 | 22 33 29.76 | 2.903 | 18 38 59.9 | 18.643 | (213.) |
| 1681 | 9. 10 | 22 33 39.13 | 2.907 | 18 27 0.9 | 18.648 | (212.) |
| 1682 | 10 | 22 33 46.98 | 2.927 | 16 21 21.5 | 18.652 | (206.) |
| 1683 | 10 | 22 33 52.78 | 2.923 | 16 47 4.7 | 18.656 | (208.) |
| 1684 | 10 | 22 34 7.55 | 2.925 | 16 38 9.1 | 18.664 | (208.) |
| 1685 | 10 | 22 34 45.25 | 2.927 | 16 25 59.8 | 18.683 | (206.) |
| 1686 | 10 | 22 35 11.32 | 2.912 | 18 4 42.3 | 18.697 | (210.) B. |
| 1687 | 9 | 22 35 18.63 | 2.898 | 19 37 7.0 | 18.701 | (212.) |
| 1688 | 9 | 22 35 19.04 | 2.913 | 17 59 38.7 | 18.701 | III. Ll. B. R. |
| 1689 | 9 | 22 35 26.73 | 2.912 | 18 7 41.6 | 18.706 | IV. Ll. B. |
| 1690 | 9 | 22 35 44.46 | 2.904 | 19 10 11.7 | 18.714 | V. B. |
| 1691 | 10 | 22 35 48.57 | 2.918 | 17 42 11.7 | 18.717 | (210.) R. |
| 1692 | 8 | 22 35 57.71 | 2.929 | 16 28 4.9 | 18.723 | VI. R. |
| 1693 | 5 | 22 36 23.70 | 2.924 | 16 58 18.8 | 18.735 | (208.) |

I. (212) +0.11 +1.0; (213) -0.11 -1.0. II. (212) +0.11 0.0; (213) -0.11 +0.1.
III. (210) +0.21 -1.9; (211) -0.21 +1.9. IV. (210) +0.38 +3.2; (211) -0.37 -3.1.
V. (212) +0.16 +2.1; (213) -0.16 -2.0. VI. (206) +0.03 +0.8; (209) -0.02 -0.7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1694 | 10 | 22 36 28.11 | + 2.923 | + 17 2 48.0 | + 18.738 | (206.) |
| 1695 | 10 | 22 37 20.91 | 2.925 | 17 7 19.5 | 18.766 | (206.) B. |
| 1696 | 9 | 22 37 30.78 | 2.902 | 19 32 54.0 | 18.771 | (213.) R. |
| 1697 | 9 | 22 37 31.39 | 2.931 | 16 33 26.4 | 18.771 | (209.) |
| 1698 | 9 | 22 37 35.27 | 2.925 | 17 14 41.1 | 18.773 | (210.) B. R. |
| 1699 | 9. 10 | 22 37 44.43 | 2.910 | 18 53 18.0 | 18.777 | (212.) R. |
| 1700 | 10 | 22 37 53.65 | 2.911 | 18 51 21.2 | 18.782 | (212.) R. |
| 1701 | 9 | 22 37 58.36 | 2.936 | 16 13 50.0 | 18.785 | I. |
| 1702 | 7. 8 | 22 38 11.08 | 2.913 | 18 34 36.3 | 18.791 | II. Ll. B. R. |
| 1703 | 10 | 22 38 23.25 | 2.928 | 16 58 28.1 | 18.797 | (210.) B. |
| 1704 | 8. 9 | 22 38 40.02 | 2.916 | 18 27 41.8 | 18.805 | III. Ll. B. R. |
| 1705 | 9. 10 | 22 38 46.09 | 2.894 | 20 54 50.8 | 18.809 | IV. B. |
| 1706 | 10 | 22 39 32.63 | 2.920 | 18 14 10.8 | 18.832 | (212.) R. |
| 1707 | 9 | 22 39 53.45 | 2.926 | 17 35 25.4 | 18.842 | (210.) |
| 1708 | 10 | 22 39 58.39 | 2.898 | 20 40 32.2 | 18.845 | (216.) |
| 1709 | 8. 9 | 22 40 3.86 | 2.931 | 17 1 46.9 | 18.847 | V. R. |
| 1710 | 9. 10 | 22 40 26.11 | 2.895 | 20 58 24.4 | 18.857 | VI. |
| 1711 | 10 | 22 40 58.70 | 2.932 | 17 4 47.4 | 18.874 | VII. |
| 1712 | 9. 10 | 22 41 12.52 | 2.930 | 17 18 54.0 | 18.881 | (210.) |
| 1713 | 9 | 22 41 46.40 | 2.932 | 17 15 23.3 | 18.897 | (210.) |
| 1714 | 9 | 22 42 18.63 | 2.928 | 17 41 50.6 | 18.913 | (210.) B. |
| 1715 | 9 | 22 42 53.29 | 2.932 | 17 23 21.1 | 18.929 | (210.) B. |
| 1716 | 8 | 22 43 19.38 | 2.925 | 18 20 53.6 | 18.942 | (212.) Ll. B. |
| 1717 | 8. 9 | 22 43 30.59 | 2.934 | 17 12 28.4 | 18.947 | VIII. Ll. B. R. |
| 1718 | 10 | 22 44 54.40 | 2.920 | 19 16 21.6 | 18.987 | (212.) B. |
| 1719 | 10 | 22 45 3.49 | 2.919 | 19 23 48.8 | 18.991 | (212.) |
| 1720 | 9. 10 | 22 45 27.80 | 2.920 | 19 20 32.6 | 19.002 | (212.) B. |

I. (206) -0.05 -0.6; (208) +0.06 +0.7. II. (211) -0.01 +0.4; (212) -0.04 +1.6; (213) +0.05 -2.0. III. (211) -0.23 -0.1; (213) +0.23 +0.2. IV. (216) +0.11 +1.8; (217) -0.10 -1.7. V. (208) -0.05 +0.6; (210) +0.05 -0.6. VI. (216) +0.12 -1.1; (217) -0.01 -0.1; (218) -0.12 +1.2. VII. (206) -0.13 +1.3; (210) +0.13 -1.2. VIII. (208) -0.24 0.0; (210) +0.24 0.0



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+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1721 | 9. 10 | 22 45 31.32 | + 2.932 | +17 59 16.8 | + 19.004 | (210.) |
| 1722 | 10 | 22 45 46.40 | 2.933 | 17 54 45.7 | 19.011 | (210.) |
| 1723 | 7 | 22 46 40.72 | 2.942 | 16 59 51.2 | 19.037 | (210.) |
| 1724 | 9 | 22 46 42.60 | 2.927 | 18 54 57.8 | 19.038 | (212.) R. |
| 1725 | 8. 9 | 22 46 44.34 | 2.928 | 18 48 2.0 | 19.039 | (212.) Ll. B. R. |
| 1726 | 8 | 22 46 48.51 | 2.925 | 19 6 2.5 | 19.041 | (212.) Ll. B. |
| 1727 | 7 | 22 47 27.80 | 2.943 | 16 59 54.9 | 19.058 | (208.) |
| 1728 | 8. 9 | 22 47 41.04 | 2.930 | 18 45 47.4 | 19.064 | (212.) Ll. B. |
| 1729 | 10 | 22 47 43.64 | 2.944 | 16 56 17.8 | 19.066 | (208.) |
| 1730 | 10 | 22 48 8.52 | 2.915 | 20 40 1.4 | 19.077 | (216.) |
| 1731 | 8 | 22 48 12.06 | 2.941 | 17 23 47.7 | 19.078 | (210.) |
| 1732 | 9 | 22 48 57.84 | 2.936 | 18 19 31.0 | 19.098 | (210.) |
| 1733 | 8 | 22 49 48.15 | 2.948 | 16 43 38.7 | 19.120 | 1. |
| 1734 | 10 | 22 49 59.95 | 2.935 | 18 33 38.8 | 19.126 | (212.) B. |
| 1735 | 9 | 22 50 3.97 | 2.931 | 19 8 42.1 | 19.128 | (211.) B. |
| 1736 | 10 | 22 50 28.67 | 2.946 | 17 12 58.2 | 19.139 | (208.) |
| 1737 | 9. 10 | 22 51 14.59 | 2.945 | 17 35 11.3 | 19.158 | (210.) |
| 1738 | 9 | 22 51 48.08 | 2.940 | 18 22 17.0 | 19.172 | (212.) Ll. |
| 1739 | 9 | 22 51 48.79 | 2.939 | 18 32 0.6 | 19.173 | (212.) |
| 1740 | 10 | 22 51 53.57 | 2.943 | 18 2 9.1 | 19.176 | (210.) |
| 1741 | 9 | 22 54 10.16 | 2.944 | 18 28 2.2 | 19.232 | (212.) B. |
| 1742 | 10 | 22 54 10.72 | 2.951 | 17 32 45.9 | 19.232 | (210.) |
| 1743 | 8 | 22 54 32.30 | 2.941 | 19 1 57.6 | 19.241 | (212.) Ll. |
| 1744 | 9 | 22 54 41.89 | 2.949 | 18 0 51.2 | 19.245 | (210.) |
| 1745 | 9 | 22 54 58.70 | 2.943 | 18 52 51.5 | 19.253 | (212.) Ll. B. |
| 1746 | 10 | 22 55 17.27 | 2.943 | 18 53 29.7 | 19.260 | (212.) B. |
| 1747 | 8. 9 | 22 55 19.71 | 2.948 | 18 2 14.1 | 19.261 | (210.) |
| 1748 | 9 | 22 55 34.71 | 2.950 | 18 0 26.8 | 19.267 | (210.) |
| 1749 | 9 | 22 56 28.39 | 2.955 | 17 28 11.9 | 19.289 | (210.) |

1. (208) +0.02 +2.0; (210) -0.01 -1.9.

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+15° +21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1750 | 9. 10 | 22 56 58.68 | + 2.953 | +17 3 56.5 | + 19.302 | (210.) |
| 1751 | 8 | 22 57 27.12 | 2.946 | 18 58 33.0 | 19.312 | (212.) |
| 1752 | 8. 9 | 22 57 45.91 | 2.955 | 17 52 49.7 | 19.319 | (210.) B. |
| 1753 | 8 | 22 58 12.68 | 2.944 | 19 25 49.3 | 19.330 | (212.) |
| 1754 | 9 | 22 56 49.01 | 2.955 | 18 10 53.3 | 19.344 | (212.) B. |
| 1755 | 8 | 22 59 5.64 | 2.949 | 19 6 2.3 | 19.350 | (212.) Ll. B. |
| 1756 | 9 | 23 0 38.89 | 2.965 | 17 0 48.8 | 19.386 | (210.) |
| 1757 | 10 | 23 1 15.89 | 2.966 | 17 8 51.1 | 19.400 | (210.) |
| 1758 | 9 | 23 1 25.05 | 2.955 | 18 41 48.9 | 19.403 | (212.) B. R. |
| 1759 | 10 | 23 1 37.23 | 2.964 | 17 31 45.4 | 19.408 | (210.) |
| 1760 | 9 | 23 1 42.22 | 2.964 | 17 35 56.6 | 19.410 | (210.) |
| 1761 | 10 | 23 2 10.53 | 2.965 | 17 33 20.5 | 19.420 | (210.) |
| 1762 | 9 | 23 2 16.07 | 2.957 | 18 46 45.9 | 19.422 | (212.) B. R. |
| 1763 | 9 | 23 3 19.66 | 2.961 | 18 30 36.2 | 19.445 | (212.) B. |
| 1764 | 10 | 23 3 57.80 | 2.967 | 17 48 24.3 | 19.458 | (210.) B. |
| 1765 | 10 | 23 5 44.49 | 2.962 | 19 10 0.9 | 19.496 | (212.) B. R. |
| 1766 | 9 | 23 5 54.51 | 2.953 | 20 41 15.1 | 19.499 | (216.) |
| 1767 | 9 | 23 6 4.60 | 2.972 | 17 37 23.9 | 19.503 | (210.) |
| 1768 | 8 | 23 6 50.43 | 2.965 | 18 56 54.8 | 19.518 | (212.) Ll. B. |
| 1769 | 10 | 23 7 55.92 | 2.967 | 19 2 3.8 | 19.540 | (212.) |
| 1770 | 10 | 23 8 29.75 | 2.969 | 18 58 27.4 | 19.551 | (212.) |
| 1771 | 9 | 23 9 47.63 | 2.970 | 19 9 31.6 | 19.576 | (212.) B. |
| 1772 | 10 | 23 10 27.17 | 2.976 | 18 11 41.5 | 19.589 | (212.) B. |
| 1773 | 9. 10 | 23 10 47.82 | 2.977 | 18 10 38.4 | 19.592 | (212.) |
| 1774 | 8 | 23 12 36.04 | 2.981 | 18 29 32.4 | 19.627 | (212.) Ll. B. R. |
| 1775 | 7. 8 | 23 13 12.83 | 2.977 | 19 1 10.9 | 19.638 | (212.) Ll. B. |
| 1776 | 8 | 23 14 44.66 | 2.981 | 18 35 15.0 | 19.665 | (212.) Ll. B. R. |
| 1777 | 9 | 23 14 56.56 | 2.980 | 19 18 37.0 | 19.669 | (212.) |
| 1778 | 9. 10 | 23 15 58.43 | 2.984 | 18 41 29.8 | 19.686 | (212.) |
| 1779 | 10 | 23 16 3.79 | 2.984 | 18 43 — | 19.688 | (212.) |
| 1780 | 9 | 23 16 13.39 | 2.985 | 18 37 56.8 | 19.690 | (212.) B. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1781 | 10 | 23 17 13.16 | + 2.977 | +20 33 21.4 | + 19.707 | (216.) |
| 1782 | 10 | 23 18 53.01 | 2.990 | 18 45 23.3 | 19.733 | (212.) B. R. |
| 1783 | 9 | 23 19 14.24 | 2.989 | 19 0 55.6 | 19.739 | (212.) B. |
| 1784 | 9. 10 | 23 20 6.30 | 2.983 | 20 34 8.7 | 19.751 | (216.) B. R. |
| 1785 | 10 | 23 20 13.16 | 2.989 | 19 21 5.4 | 19.754 | (212.) |
| 1786 | 9 | 23 20 32.41 | 2.986 | 20 32 14.0 | 19.758 | (216.) B. R. |
| 1787 | 10 | 23 20 33.53 | 2.983 | 20 56 48.9 | 19.759 | I. |
| 1788 | 10 | 23 20 42.99 | 2.986 | 20 26 46.0 | 19.761 | (216.) B. |
| 1789 | 8 | 23 20 54.23 | 2.992 | 19 3 35.9 | 19.764 | (212.) Ll. B R. |
| 1790 | 10 | 23 21 30.77 | 2.985 | 20 57 26.2 | 19.773 | II. R. |
| 1791 | 10 | 23 22 7.69 | 2.987 | 20 50 7.4 | 19.782 | (217.) |
| 1792 | 10 | 23 22 41.63 | 2.994 | 19 36 19.2 | 19.789 | (212.) |
| 1793 | 10 | 23 24 21.20 | 2.991 | 20 58 36.8 | 19.813 | (217.) R. |
| 1794 | 10 | 23 24 25.41 | 2.991 | 20 46 8.3 | 19.814 | III. R. |
| 1795 | 10 | 23 27 47.23 | 3.007 | 18 51 32.9 | 19.856 | (212.) |
| 1796 | 9 | 23 28 10.60 | 3.006 | 19 14 50.6 | 19.861 | (212.) B. |
| 1797 | 9 | 23 29 12.83 | 3.011 | 18 21 12.8 | 19.874 | (212.) B. R. |
| 1798 | 9 | 23 29 37.00 | 3.013 | 18 12 20.5 | 19.878 | (212.) R. |
| 1799 | 9 | 23 31 7.95 | 3.012 | 19 11 6.4 | 19.896 | (212.) B. |
| 1800 | 9 | 23 31 42.41 | 3.012 | 19 37 57.0 | 19.902 | (212.) |
| 1801 | 9 | 23 32 42.46 | 3.016 | 18 55 22.9 | 19.913 | (212.) B. R. |
| 1802 | 8 | 23 34 29.29 | 3.017 | 19 28 3.3 | 19.931 | (212.) B. |
| 1803 | 9 | 23 34 50.59 | 3.019 | 19 29 33.3 | 19.934 | (212.) B. |
| 1804 | 10 | 23 34 57.74 | 3.015 | 20 57 17.8 | 19.936 | (218.) |
| 1805 | 9 | 23 36 2.05 | 3.023 | 18 50 56.8 | 19.945 | (212.) R. |
| 1806 | 6 | 23 37 54.11 | 3.025 | 19 34 57.2 | 19.962 | (212.) R. |
| 1807 | 10 | 23 38 23.22 | 3.027 | 18 51 18.1 | 19.966 | (212.) B |
| 1808 | 9 | 23 38 23.39 | 3.027 | 18 42 — | 19.966 | (212.) B. |
| 1809 | 10 | 23 39 20.05 | 3.029 | 18 38 22.2 | 19.973 | (212.) B. |

I. (217) 0.00 −0.4; (218) 0.00 +0.4. II. (216) +0.20 −0.9; (217) −0.11 −0.4; (218) −0.14 +1.2. III. (216) +0.09 −0.2; (217) −0.08 +0.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ' " | " | ° ' " | " | |
| 1810 | 10 | 23 40 34.94 | + 3.033 | + 18 27 58.4 | + 19.983 | (212.) |
| 1811 | 9 | 23 41 24.76 | 3.034 | 18 31 30.2 | 19.989 | (212.) |
| 1812 | 9 | 23 42 28.83 | 3.035 | 18 41 43.9 | 19.996 | (212.) R. |
| 1813 | 9 | 23 42 29.58 | 3.036 | 18 25 14.8 | 19.996 | (212.) |
| 1814 | 10 | 23 42 33.49 | 3.037 | 18 50 8.7 | 19.997 | (212.) R. |
| 1815 | 9 | 23 47 21.05 | 3.042 | 20 52 2.6 | 20.024 | (217.) |
| 1816 | 10 | 23 48 0.98 | 3.044 | 20 46 39.6 | 20.027 | (217.) |
| 1817 | 9 | 23 49 9.91 | 3.046 | 20 51 27.1 | 20.033 | (217.) B. |
| 1818 | 9 | 23 50 57.00 | 3.050 | 20 54 55.7 | 20.040 | (217.) B. R. |

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# II. Stern-Verzeichniss

## Declination von +21° 0′ bis +24° 0′.

+21° +24°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1 | 10 | 0 0 50.91 | + 3.073 | +22 36 12.2 | + 20.055 | (220.) |
| 2 | 10 | 0 0 59.84 | 3.073 | 22 48 0.6 | 20.055 | (221.) |
| 3 | 9. 10 | 0 1 20.59 | 3.073 | 21 49 46.6 | 20.055 | I. |
| 4 | 10 | 0 1 44.92 | 3.075 | 21 32 9.1 | 20.054 | (220.) |
| 5 | 10 | 0 2 14.66 | 3.075 | 22 51 17.7 | 20.054 | (221.) |
| 6 | 10 | 0 2 21.52 | 3.075 | 21 5 13.3 | 20.054 | (217.) |
| 7 | 10 | 0 2 23.48 | 3.075 | 22 1 56.3 | 20.054 | (219.) |
| 8 | 10 | 0 2 42.05 | 3.077 | 22 19 — | 20.054 | (220.) |
| 9 | 10 | 0 2 48.68 | 3.077 | 22 48 51.8 | 20.052 | (221.) |
| 10 | 8 | 0 3 41.19 | 3.080 | 22 58 55.5 | 20.052 | (221.) |
| 11 | 6 | 0 4 16.35 | 3.080 | 22 38 13.3 | 20.051 | II. Ll. B. |
| 12 | 8 | 0 4 32.01 | 3.081 | 21 43 18.8 | 20.051 | (217.) |
| 13 | 10 | 0 4 38.64 | 3.082 | 22 37 29.1 | 20.051 | III. |
| 14 | 10 | 0 5 49.49 | 3.085 | 23 9 31.5 | 20.048 | (221.) |
| 15 | 10 | 0 5 58.74 | 3.084 | 21 23 40.7 | 20.048 | IV. |
| 16 | 10 | 0 6 25.62 | 3.084 | 21 53 36.3 | 20.046 | (218.) |
| 17 | 8. 9 | 0 7 5.31 | 3.087 | 22 57 33.1 | 20.045 | (221.) B. |
| 18 | 7 | 0 7 10.70 | 3.087 | 21 27 2.1 | 20.045 | V. Ll. |
| 19 | 9. 10 | 0 7 22.42 | 3.089 | 22 13 31.8 | 20.044 | (221.) |
| 20 | 8 | 0 7 47.01 | 3.090 | 22 11 47.4 | 20.042 | (221.) |
| 21 | 10 | 0 7 52.49 | 3.089 | 21 31 20.9 | 20.042 | VI. |

I. (217) +0.24 -1.0; (220) -0.14 +1.2; (221) -0.11 -0.2. II. (219) -0.02 -1.8; (220) -0.05 +3.0; (221) +0.08 -1.2. III. (220) +0.20 +1.5; (221) -0.20 -1.4. IV. (217) +0 14 +1.5; (220) -0.13 -1.4; V. (217) +0.24 -2.6. (220) -0.23 +2.7; VI. (217) +0.07 -1.4. (220) -0.07 +1.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 22 | 8. 9 | 0 7 56.05 | + 3.089 | +21 52 44.0 | + 20.042 | (218.) |
| 23 | 10 | 0 8 49.98 | 3.091 | 21 59 14.8 | 20.039 | I. |
| 24 | 6. 7 | 0 9 8.88 | 3.092 | 22 25 23.1 | 20.039 | II. Ll. B. |
| 25 | 10 | 0 9 20.01 | 3.092 | 22 25 50.3 | 20.038 | (221.) |
| 26 | 8. 9 | 0 10 38.89 | 3.096 | 22 3 1.4 | 20.034 | III. B. R. |
| 27 | 7. 8 | 0 10 53.58 | 3.096 | 22 2 41.8 | 20.033 | IV. Ll. R. |
| 28 | 9 | 0 12 30.67 | 3.098 | 21 38 51.7 | 20.025 | (220.) |
| 29 | 9. 10 | 0 13 36.16 | 3.104 | 22 17 3.1 | 20.019 | V. B. |
| 30 | 10 | 0 15 2.53 | 3.106 | 21 49 38.7 | 20.012 | (221.) |
| 31 | 9 | 0 15 10.37 | 3.105 | 21 33 6.5 | 20.011 | (218.) Ll. R. |
| 32 | 10 | 0 15 13.11 | 3.108 | 22 58 2.9 | 20.011 | (221.) R. |
| 33 | 10 | 0 15 49.61 | 3.108 | 21 58 32.5 | 20.007 | (221.) |
| 34 | 10 | 0 17 34.69 | 3.112 | 21 26 49.6 | 19.995 | (220.) |
| 35 | 8 | 0 17 51.38 | 3.113 | 22 6 46.9 | 19.993 | (217.) Ll. |
| 36 | 10 | 0 17 55.02 | 3.113 | 22 11 43.4 | 19.992 | (217.) |
| 37 | 9 | 0 17 57.33 | 3.113 | 21 52 32.4 | 19.992 | (220.) Ll. B. |
| 38 | 10 | 0 18 16.09 | 3.115 | 23 9 6.6 | 19.990 | (221.) |
| 39 | 10 | 0 18 31.05 | 3.115 | 23 4 6.8 | 19.989 | (221.) |
| 40 | 10 | 0 19 16.61 | 3.118 | 23 8 18.5 | 19.989 | (221.) B. |
| 41 | 8 | 0 19 53.39 | 3.116 | 21 15 56.6 | 19.979 | VI. Ll. B. |
| 42 | 9. 10 | 0 19 56.45 | 3.119 | 22 38 13.1 | 19.978 | VII. |
| 43 | 9 | 0 20 3.25 | 3.119 | 22 44 30.2 | 19.978 | (221.) Ll. |
| 44 | 10 | 0 20 55.56 | 3.121 | 22 24 4.0 | 19.970 | (217.) |
| 45 | 10 | 0 21 15.87 | 3.121 | 22 27 31.1 | 19.968 | VIII. |
| 46 | 10 | 0 21 46.03 | 3.122 | 22 1 49.0 | 19.964 | IX. |
| 47 | 10 | 0 22 21.55 | 3.121 | 21 34 11.8 | 19.959 | (218.) |

I. (207) +0.17 +1.1; (220) -0.17 -1.1. II. (220) -0.16 [+34.1]; (221) +0.16 0.0. III. (207) +0.21 -2.6; (220) +0.12 +0.9; (221) -0.34 +1.7. IV. (217) +0.22 -1.3; (220) -0.17 +1.0; (221) -0.05 +0.3. V. (220) -0.07 +0.4; (221) +0.08 -0.4. VI. (217) +0.02 -1.9; (220) -0.02 +2.0. VII. (220) -0.06 -1.1; (221) +0.06 +1.1. VIII. (220) +0.01 -0.8; (221) -0.01 +0.9. IX. (217) +0.09 +0.4; (221) -0.08 -0.4.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 48 | 10 | 0 22 26.93 | + 3.123 | +22 28 29.9 | + 19.958 | I. |
| 49 | 9. 10 | 0 22 38.72 | 3.124 | 21 56 52.0 | 19.957 | II. Ll. B. |
| 50 | 10 | 0 22 44.04 | 3.126 | 22 39 21.5 | 19.956 | III. |
| 51 | 9. 10 | 0 23 35.34 | 3.127 | 22 7 42.8 | 19.949 | IV. |
| 52 | 9. 10 | 0 23 49.61 | 3.129 | 22 52 47.0 | 19.947 | (221.) B. |
| 53 | 10 | 0 24 27.75 | 3.127 | 22 16 55.7 | 19.941 | V. Ll. |
| 54 | 8 | 0 24 46.73 | 3.130 | 22 21 49.0 | 19.938 | VI. Ll. B. R. |
| 55 | 10 | 0 25 21.11 | 3.130 | 22 7 56.7 | 19.933 | (218.) |
| 56 | 9 | 0 25 46.56 | 3.133 | 22 25 40.9 | 19.928 | VII. Ll. |
| 57 | 10 | 0 25 47.57 | 3.131 | 21 57 32.4 | 19.928 | (217.) |
| 58 | 10 | 0 26 2.81 | 3.134 | 22 47 34.8 | 19.925 | (221.) R. |
| 59 | 9. 10 | 0 26 25.90 | 3.131 | 21 37 11.5 | 19.922 | (220.) |
| 60 | 10 | 0 27 3.30 | 3.134 | 22 4 32.0 | 19.916 | VIII. Ll. B. |
| 61 | 8 | 0 28 35.02 | 3.136 | 21 12 29.2 | 19.899 | (220.) Ll. B. |
| 62 | 10 | 0 28 39.07 | 3.136 | 21 12 12.0 | 19.898 | (220.) |
| 63 | 9 | 0 29 3.21 | 3.137 | 21 28 42.4 | 19.893 | (220) Ll. B. |
| 64 | 9 | 0 29 37.38 | 3.138 | 21 6 35.0 | 10.888 | (217.) B. |
| 65 | 9 | 0 30 8.14 | 3.140 | 21 40 11.4 | 19.881 | IX. Ll. |
| 66 | 10 | 0 30 17.05 | 3.144 | 22 52 2.5 | 19.880 | (221.) |
| 67 | 10 | 0 30 46.48 | 3.142 | 21 42 46.6 | 19.874 | (220.) |
| 68 | 9 | 0 31 28.66 | 3.146 | 22 51 47.8 | 19.865 | (221.) Ll. B. |
| 69 | 10 | 0 31 29.00 | 3.142 | 21 31 7.3 | 19.865 | (217.) |
| 70 | 10 | 0 32 14.58 | 3.144 | 22 9 14.0 | 19.856 | X. |
| 71 | 10 | 0 32 47.59 | 3.149 | 22 17 1.6 | 19.849 | XI. B. |
| 72 | 9. 10 | 0 33 54.93 | 3.150 | 22 0 22.6 | 19.835 | XII. |

I. (220) +0.29 -0.9; (221) -0.29 +0.9. II. (217) +0.19 +0.7; (221) -0.18 -0.6. III. (220) -0.06 +1.7; (221) +0.06 -1.7. IV. (217) +0.02 +1.3; (218) +0.03 -1.5; (220) -0.05 +0.2. V. (220) +0.08 +1.6; (221) -0.07 -1.6. VI. (218) -0.03 -2.7; (220) -0.03 +1.9; (221) +0.06 +0.7. VII. (218) +0.05 -2.7; (220) -0.11 +0.4; (221) +0.05 +2.2. VIII. (217) -0.01 -1.1; (221) +0.02 +1.2. IX. (217) +0.06 -2.1; (220) -0.06 +2.1. X. (220) -0.09 -0.2; (221) +0.10 +0.3. XI. (220) -0.18 +0.7; (211) +0.18 -0.7. XII. (217) +0.40 -0.1; (220) -0.14 +0.2; (221) -0.26 -0.2.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 73 | 9 | 0 34 27.87 | + 3.146 | +22 0 33.8 | + 19.828 | I. Ll. B. |
| 74 | 10 | 0 35 49.21 | 3.156 | 22 11 37.5 | 19.811 | (221.) |
| 75 | 10 | 0 36 4.72 | 3.157 | 22 29 52.1 | 19.807 | (221.) |
| 76 | 9. 10 | 0 36 12.44 | 3.152 | 21 15 57.9 | 19.806 | II. B. |
| 77 | 9. 10 | 0 37 6.63 | 3.155 | 21 30 59.2 | 19.793 | III. Ll. B. |
| 78 | 8 | 0 37 16.64 | 3.161 | 22 46 42.5 | 19.790 | (221.) Ll. B. |
| 79 | 9. 10 | 0 38 10.41 | 3.159 | 21 47 42.1 | 19.778 | IV. B. |
| 80 | 10 | 0 38 20.99 | 3.159 | 21 57 22.4 | 19.775 | (217.) |
| 81 | 10 | 0 38 39.92 | 3.163 | 22 24 27.9 | 19.770 | V. |
| 82 | 9. 10 | 0 39 4.17 | 3.164 | 22 25 58.2 | 19.764 | VI. R. |
| 83 | 9. 10 | 0 39 34.55 | 3.164 | 21 58 59.0 | 19.756 | VII. B. |
| 84 | 10 | 0 40 59.83 | 3.167 | 22 1 38.0 | 19.735 | VIII. |
| 85 | 9 | 0 41 20.28 | 3.164 | 21 28 37.6 | 19.730 | (220.) |
| 86 | 8. 9 | 0 41 31.87 | 3.168 | 22 18 35.6 | 19.726 | IX. Ll. |
| 87 | 10 | 0 42 13.15 | 3.169 | 22 2 40.9 | 19.715 | X. |
| 88 | 9 | 0 42 14.30 | 3.173 | 22 52 43.4 | 16.715 | (221.) |
| 89 | 10 | 0 42 32.81 | 3.176 | 23 0 32.8 | 19.710 | (221.) |
| 90 | 9 | 0 43 1.29 | 3.176 | 22 54 47.0 | 19.703 | (221.) B. |
| 91 | 8. 9 | 0 43 7.30 | 3.171 | 22 3 52.2 | 19.700 | XI. Ll. R. |
| 92 | 10 | 0 43 8.19 | 3.171 | 22 2 27.6 | 19.700 | (220.) Ll. |
| 93 | 10 | 0 43 18.89 | 3.171 | 22 2 13.6 | 19.697 | XII. |
| 94 | 9 | 0 43 39.67 | 3.177 | 22 40 55.8 | 19.691 | (221.) R. |
| 95 | 10 | 0 44 5.88 | 3.175 | 22 13 38.4 | 19.688 | (221.) |
| 96 | 10 | 0 45 14.43 | 3.176 | 22 6 31.6 | 19.665 | XIII. |

I. (217) -0,12 0.0; (220) +0.10 +0.3; (221) +0.01 -0.2. II. (217) +0.10 +0.6; (218) -0.09 -0.6. III. (217) +0.20 +1.0; (218) -0.19 -0.9. IV. (217) -0.01 -1.7; (218) +0.08 -1.6; (220) -0.08 +3.2. V. (218) -0.17 -3.8; (220) +0.18 +3.9. VI. (218) -0.06 -5.5; (220) +0.06 +5.5. VII. (217) +0.15 -0.7; (220) -0.03 +2.2; (221) -0.12 -1.4. VIII. (218) -0.10 -1.8; (221) +0.10 +1.8. IX. (218) -0.04 +2.8; (220) +0.08 +1.3; (221) -0.04 +1.5. X. (217) +0.40 +1.4; (218) -0.39 -1.3. XI. (217) -0.04 -0,3; (218) -0.13 -1.3; (220) +0.18 +1.7. XII. (218) +0.15 -3.1; (220) -0.14 +3.2. XIII. (218) +0.04 -2.2; (221) -0.03 +2.3.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 97 | 9 | 0 46 6.90 | + 3.176 | +21 39 2.2 | + 19.650 | I. B. |
| 98 | 8 | 0 46 6.91 | 3.185 | 23 19 0.5 | 19.650 | (221.) |
| 99 | 10 | 0 46 37.64 | 3.178 | 21 36 — | 19.640 | (200.) |
| 100 | 7 | 0 47 7.55 | 3.184 | 22 35 58.3 | 19.631 | (221.) Ll. R. |
| 101 | 10 | 0 47 17.69 | 3.182 | 22 19 — | 19.628 | (218.) |
| 102 | 9 | 0 47 42.12 | 3.184 | 22 20 30.4 | 19.631 | (218.) B. |
| 103 | 8 | 0 47 45.17 | 3.188 | 23 0 37.5 | 19.620 | (221.) Ll. B. |
| 104 | 9.10 | 0 48 57.92 | 3.185 | 22 3 44.7 | 19.599 | II. |
| 105 | 10 | 0 49 1.34 | 3.185 | 21 58 59.4 | 19.599 | (220.) |
| 106 | 4 | 0 49 12.50 | 3.189 | 22 37 25.7 | 19.595 | (221.) Ll. B. R. |
| 107 | 10 | 0 50 3.85 | 3.184 | 21 22 59.7 | 19.579 | III. |
| 108 | 10 | 0 50 30.62 | 3.183 | 21 15 25.4 | 19.579 | (220.) |
| 109 | 10 | 0 50 33.65 | 3.185 | 21 36 30.7 | 19.569 | (217.) B. |
| 110 | 9 | 0 50 37.79 | 3.188 | 21 47 2.8 | 19.567 | IV. B. |
| 111 | 10 | 0 51 14.49 | 3.189 | 21 50 24.1 | 19.556 | (221.) |
| 112 | 9 | 0 52 3.16 | 3.196 | 22 36 36.0 | 19.540 | V. Ll. |
| 113 | 9 | 0 52 28.28 | 3.197 | 22 52 56.4 | 19.531 | (221.) Ll. B. |
| 114 | 9 | 0 53 43.74 | 3.200 | 22 37 17.0 | 19.506 | (220.) |
| 115 | 10 | 0 53 47.33 | 3.203 | 22 59 8.4 | 19.505 | (221.) |
| 116 | 10 | 0 54 8.48 | 3.199 | 22 19 11.9 | 19.500 | (220.) |
| 117 | 10 | 0 54 9.53 | 3.203 | 22 55 16.8 | 19.497 | (221.) |
| 118 | 9 | 0 55 14.70 | 3.199 | 21 58 42.5 | 19.474 | (221.) |
| 119 | 9 | 0 55 29.96 | 3.201 | 22 15 47.0 | 19.469 | (220.) |
| 120 | 9 | 0 55 33.39 | 3.207 | 22 57 42.0 | 19.468 | (221.) Ll. B. |
| 121 | 10 | 0 57 10.27 | 3.198 | 21 9 19.6 | 19.434 | (217.) |
| 122 | 8 | 0 58 12.58 | 3.204 | 21 44 46.2 | 19.411 | VI. B. |
| 123 | 9 | 0 58 15.39 | 3.200 | 21 11 5.1 | 19.411 | (217.) |

I. (217) +0.09 -0.3; (218) 0.00 -2.1; (220) -0.09 +2.3. II. (218) -0.21 -0.1; (220) +0.2 +0.2. III. (217) +0.01 -0.1; (220) 0.00 +0.2. IV. (217) +0.16 -0.8; (221) -0.16 +0.8. V. (220) +0.07 +0.4; (221) -0.07 -0.4. VI. (218) -0.14 -1.8; (221) +0.14 +1.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 124 | 9 | 0 58 20.06 | + 3.211 | +22 30 39.7 | + 19.409 | (220.) |
| 125 | 8 | 0 58 35.34 | 3.211 | 22 25 56.5 | 19.403 | I. Ll. B. |
| 126 | 10 | 0 58 49.20 | 3.203 | 21 18 36.5 | 19.396 | (217.) |
| 127 | 10 | 0 58 53.32 | 3.207 | 21 48 4.8 | 19.387 | (221.) |
| 128 | 9 | 0 59 38.05 | 3.211 | 22 19 22.3 | 19.381 | II. Ll. B. |
| 129 | 10 | 0 59 39.31 | 3.214 | 22 31 34.9 | 19.378 | (220.) |
| 130 | 10 | 0 59 49.02 | 3.214 | 22 30 58.1 | 19.375 | (220.) |
| 131 | 8 | 1 0 5.24 | 3.205 | 21 19 32.2 | 19.369 | III. B. |
| 132 | 9. 10 | 1 0 17.38 | 3.204 | 21 2 54.2 | 19.365 | IV. B. |
| 133 | 9. 10 | 1 0 55.18 | 3.210 | 21 34 36.5 | 19.350 | V. Ll. |
| 134 | 9 | 1 1 2.99 | 3.215 | 22 21 5.4 | 19.347 | VI. B. |
| 135 | 9 | 1 1 20.13 | 3.211 | 21 46 36.8 | 19.340 | (217.) Ll. |
| 136 | 5 | 1 1 33.86 | 3.222 | 22 59 39.1 | 19.334 | (221.) Ll. |
| 137 | 9. 10 | 1 1 59.64 | 3.219 | 22 37 51.9 | 19.325 | (220.) |
| 138 | 9 | 1 2 7.19 | 3.214 | 21 57 16.1 | 19.322 | VII. |
| 139 | 8 | 1 2 38.03 | 3.222 | 22 39 57.1 | 19.310 | (220.) B. |
| 140 | 10 | 1 3 33.30 | 3.216 | 21 32 17.4 | 19.289 | VIII. B. |
| 141 | 8 | 1 3 35.73 | 3.218 | 21 55 25.5 | 19.288 | IX. Ll. B. |
| 142 | 8. 9 | 1 4 48.64 | 3.222 | 22 2 29.3 | 19.257 | X. Ll. B. |
| 143 | 10 | 1 5 55.83 | 3.220 | 21 30 46.3 | 19.230 | XI. |
| 144 | 9 | 1 7 9.32 | 3.227 | 22 4 17.0 | 19.199 | (217.) Ll. B. |
| 145 | 9. 10 | 1 7 9.93 | 3.222 | 21 27 18.4 | 19.199 | XII. |
| 146 | 10 | 1 8 9.98 | 3.223 | 21 19 38.0 | 19.174 | (218.) |
| 147 | 9. 10 | 1 9 1.21 | 3.230 | 21 57 1.8 | 19.152 | XIII. |

I. (218) -0.07 -2.1; (220) +0.07 +2.2. II. (217) +0.29 -0.7; (218) -0.19 -1.1; (221) -0.11 +1.9. III. (217) +0.26 +2.3; (218) -0.25 -2.2. IV. (217) +0.21 +1.2; (218) -0.21 -1.1. V. (217) +0.12 +0.6; (218) -0.12 -0.5. VI. (220) -0.03 +0.4; (221) +0.04 -0.3. VII. (217) +0.15 -1.6; (218) -0.15 +1.6. VIII. (217) +0.33 +0.3; (218) -0.32 -0.3. IX. (217) +0.14 -0.3; (220) -0.13 +0.4. X. (217) +0.04 -1.5; (218) +0.02 +0.4; (220) -0.05 +1.1. XI. (218) -0.02 -1.6; (220) +0.03 +1.6. XII. (218) +0.05 -2.0; (220) -0.04 +2.1. XIII. (217) +0.10 +0.8; (218) -0.11 -2.0; (220) +0.02 +1.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 148 | 9. 10 | 1 9 38.46 | + 3.232 | +21 54 40.4 | + 19.136 | I. Ll. B. |
| 149 | 10 | 1 10 22.19 | 3.231 | 21 43 30.3 | 19.116 | II. |
| 150 | 10 | 1 10 50.14 | 3.232 | 21 37 5.8 | 19.104 | III. |
| 151 | 10 | 1 12 42.18 | 3.240 | 22 5 32.2 | 19.054 | (220.) |
| 152 | 7 | 1 13 7.20 | 3.236 | 21 35 9.6 | 19.043 | (218.) Ll. B. |
| 153 | 10 | 1 14 21.04 | 3.238 | 21 31 46.5 | 19.009 | (220.) |
| 154 | 10 | 18 44 34.59 | 2.517 | 22 51 52.7 | 3.877 | (296.) |
| 155 | 10 | 18 47 34.85 | 2.520 | 22 47 18.9 | 4.134 | (298.) B. |
| 156 | 9. 10 | 18 48 29.19 | 2.516 | 22 58 27.4 | 4.212 | (298.) |
| 157 | 9 | 18 48 55.39 | 2.516 | 23 2 1.7 | 4.249 | (298.) Ll. B. |
| 158 | 10 | 18 49 19.68 | 2.516 | 22 58 35.8 | 4.285 | (298.) |
| 159 | 10 | 18 49 45.83 | 2.523 | 22 43 45.9 | 4.321 | (298.) |
| 160 | 9 | 18 49 59.78 | 2.519 | 22 52 38.0 | 4.342 | (298.) Ll. B. R. |
| 161 | 9 | 18 50 53.00 | 2.528 | 22 36 50.1 | 4.417 | (298.) |
| 162 | 9. 10 | 18 51 56.27 | 2.558 | 21 28 37.3 | 4.505 | (298.) Ll. B. |
| 163 | 10 | 18 52 1.82 | 2.547 | 21 52 49.7 | 4.514 | (298.) B. |
| 164 | 10 | 18 52 16.69 | 2.540 | 22 10 51.3 | 4.535 | (298.) |
| 165 | 10 | 18 52 35.46 | 2.536 | 22 16 6.4 | 4.561 | (298.) |
| 166 | 10 | 18 52 43.29 | 2.537 | 22 17 56.6 | 4.572 | (298.) |
| 167 | 8. 9 | 18 53 38.74 | 2.530 | 22 36 32.3 | 4.652 | (298.) Ll. B. |
| 168 | 9. 10 | 18 54 28.27 | 2.521 | 22 55 14.1 | 4.721 | (298.) |
| 169 | 10 | 18 54 47.66 | 2.522 | 22 52 56.2 | 4.749 | (298.) B. |
| 170 | 10 | 18 55 25.92 | 2.528 | 22 40 33.2 | 4.803 | (298.) Ll. B. R. |
| 171 | 10 | 18 55 42.75 | 2.526 | 22 38 2.2 | 4.827 | (298.) |
| 172 | 10 | 18 55 47.85 | 2.528 | 22 35 57.3 | 4.834 | (298.) B. |
| 173 | 10 | 18 56 40.23 | 2.516 | 23 9 39.3 | 4.908 | (298.) Ll. B. |
| 174 | 10 | 18 57 24.14 | 2.517 | 23 8 4.6 | 4.972 | (298.) Ll. R. |
| 175 | 10 | 18 57 56.64 | 2.517 | 23 9 29.9 | 5.018 | (298.) B. |

I. (217) +0.25 -1.0; (218) -0.24 -2.5; (220) -0.01 +3.4. II. (218) -0.14 -2.1; (220) +0.15 +2.2. III. (218) +0.06 -1.5; (220) -0.05 +1.6.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 176 | 10 | 18 58 19.64 | + 2.520 | +23 6 29.9 | + 5.050 | (298.) B. Doppelst. Ll. R. |
| 177 | 9 | 18 58 20.05 | 2.520 | 23 6 29.9 | 5.050 | (298.) B. Doppelst. Ll. R. |
| 178 | 10 | 18 58 30.57 | 2.520 | 23 5 55.1 | 5.065 | (298.) B. R. |
| 179 | 9 | 18 58 33.12 | 2.574 | 21 1 1.1 | 5.068 | (297.) Ll. B. |
| 180 | 10 | 18 59 29.15 | 2.529 | 23 5 40.5 | 5.147 | (298.) |
| 181 | 9 | 19 0 13.45 | 2.531 | 22 39 50.3 | 5.208 | (298.) Ll. B. R. |
| 182 | 10 | 19 0 37.53 | 2.526 | 22 51 50.7 | 5.243 | (298.) R. |
| 183 | 9 | 19 0 46.56 | 2.540 | 22 21 9.2 | 5.256 | (298.) Ll. B. |
| 184 | 10 | 19 1 58.89 | 2.550 | 21 59 49.3 | 5.359 | (298.) B. |
| 185 | 10 | 19 6 43.30 | 2.562 | 21 39 28.0 | 5.756 | (298.) |
| 186 | 10 | 19 7 19.63 | 2.528 | 22 57 15.7 | 5.807 | (298.) |
| 187 | 10 | 19 7 52.92 | 2.531 | 22 53 3.9 | 5.853 | (298.) B. |
| 188 | 10 | 19 9 20.98 | 2.536 | 22 41 1.3 | 5.976 | (298.) |
| 189 | 7. 8 | 19 9 46.03 | 2.578 | 21 7 46.7 | 6.011 | (298.) Ll. B. R. |
| 190 | 8. 9 | 19 11 6.08 | 2.568 | 21 32 52.8 | 6.122 | (298.) Ll. R. |
| 191 | 10 | 19 11 18.23 | 2.568 | 21 32 46.9 | 6.139 | (295.) |
| 192 | 10 | 19 12 8.57 | 2.565 | 21 40 43.4 | 6.210 | (298.) B. |
| 193 | 8. 9 | 19 12 56.18 | 2.531 | 23 1 54.3 | 6.274 | (298.) Ll. B. R. |
| 194 | 9. 10 | 19 13 19.89 | 2.530 | 23 4 46.5 | 6.307 | (298.) |
| 195 | 10 | 19 13 36.15 | 2.530 | 23 5 55.7 | 6.329 | (298.) |
| 196 | 8 | 19 14 30.21 | 2.560 | 21 55 16.7 | 6.404 | (298.) Ll. R. |
| 197 | 9. 10 | 19 16 6.11 | 2.562 | 21 54 16.4 | 6.537 | (298.) Ll. B. |
| 198 | 10 | 19 16 23.61 | 2.562 | 21 55 55.5 | 6.560 | (298.) |
| 199 | 10 | 19 16 49.99 | 2.559 | 22 4 27.9 | 6.598 | (298.) |
| 200 | 10 | 19 17 34.22 | 2.561 | 21 58 58.1 | 6.659 | (298.) |
| 201 | 9 | 19 18 15.81 | 2.564 | 21 54 51.4 | 6.717 | (298.) Ll. B. R |
| 202 | 10 | 19 18 40.24 | 2.574 | 21 32 38.1 | 6.750 | (298.) |
| 203 | 10 | 19 18 43.90 | 2.564 | 21 55 27.6 | 6.756 | (298.) |
| 204 | 10 | 19 19 48.60 | 2.549 | 22 27 41.6 | 6.845 | (298.) |
| 205 | 10 | 19 19 58.82 | 2.562 | 22 3 30.2 | 6.858 | (298.) B. |
| 206 | 10 | 19 20 11.30 | 2.551 | 22 27 57.8 | 6.874 | (298.) |

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 207 | 10 | 19 21 34.09 | + 2.578 | +21 27 11.2 | + 6.987 | (298.) B. |
| 208 | 9 | 19 22 28.29 | 2.582 | 21 19 9.4 | 7.060 | (298.) B. |
| 209 | 10 | 19 22 57.75 | 2.584 | 21 15 42.5 | 7.101 | (298.) |
| 210 | 10 | 19 23 25.44 | 2.583 | 21 18 35.9 | 7.138 | (298.) |
| 211 | 9 | 19 24 43.57 | 2.574 | 21 41 59.8 | 7.247 | (298.) |
| 212 | 9 | 19 24 54.93 | 2.577 | 21 34 55.8 | 7.261 | (298.) |
| 213 | 9 | 19 25 43.66 | 2.575 | 21 43 35.3 | 7.329 | (298.) |
| 214 | 9. 10 | 19 26 13.92 | 2.587 | 21 16 3.0 | 7.369 | (298.) |
| 215 | 8. 9 | 19 26 28.31 | 2.589 | 21 8 20.0 | 7.388 | (298.) B. |
| 216 | 9 | 19 27 18.83 | 2.589 | 21 11 47.4 | 7.457 | (298.) B. |
| 217 | 9 | 19 27 39.71 | 2.585 | 21 25 10.8 | 7.486 | (298.) |
| 218 | 9 | 19 28 1.19 | 2.583 | 21 28 35.1 | 7.514 | (298.) Ll. R. |
| 219 | 8. 9 | 19 28 41.58 | 2.575 | 21 49 58.8 | 7.570 | (298.) Ll. R. |
| 220 | 9 | 19 29 16.28 | 2.575 | 21 48 49.0 | 7.615 | (298.) Ll. R. |
| 221 | 9 | 19 29 49.32 | 2.580 | 21 38 35.0 | 7.660 | (298.) Ll. R. |
| 222 | 9 | 19 29 54.50 | 2.578 | 21 44 3.2 | 7.666 | (298.) Ll. |
| 223 | 8 | 19 30 39.62 | 2.577 | 21 40 25.3 | 7.729 | (298.) Ll. B. R. |
| 224 | 9 | 19 31 8.66 | 2.575 | 21 52 52.9 | 7.768 | (298.) Ll. |
| 225 | 9 | 19 31 26.83 | 2.597 | 21 1 26.4 | 7.792 | (297.) |
| 226 | 8. 9 | 19 31 28.13 | 2.565 | 22 27 47.6 | 7.793 | (298.) R. |
| 227 | 9 | 19 31 57.43 | 2.561 | 22 30 31.9 | 7.832 | (298.) |
| 228 | 8 | 19 32 59.95 | 2.577 | 21 54 58.7 | 7.917 | (298.) Ll. B. |
| 229 | 9 | 19 33 7.38 | 2.564 | 22 23 5.2 | 7.926 | (298.) |
| 230 | 9 | 19 34 7.56 | 2.579 | 21 49 44.0 | 8.007 | (298.) |
| 231 | 9. 10 | 19 34 14.33 | 2.592 | 21 19 13.3 | 8.015 | (298.) |
| 232 | 7. 8 | 19 34 48.98 | 2.574 | 22 6 25.7 | 8.062 | (298.) Ll. B. |
| 233 | 9 | 19 35 51.13 | 2.585 | 21 39 59.5 | 8.145 | (298.) R. |
| 234 | 9 | 19 36 23.02 | 2.584 | 21 44 4.9 | 8.188 | (298.) |
| 235 | 8. 9 | 19 36 58.97 | 2.575 | 22 8 32.6 | 8.236 | (298.) Ll. |
| 236 | 9 | 19 37 23.41 | 2.571 | 22 16 37.9 | 8.268 | (298.) B. |
| 237 | 9 | 19 38 14.23 | 2.574 | 22 12 30.2 | 8.335 | (298.) B. |

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 238 | 9 | 19 38 16.59 | + 2.573 | +22 14 17.8 | + 8.339 | (298.) B. |
| 239 | 9 | 19 39 36.09 | 2.573 | 22 19 55.9 | 8.443 | (298.) |
| 240 | 8 | 19 39 52.62 | 2.579 | 22 6 26.8 | 8.466 | (298.) Ll. |
| 241 | 8 | 19 40 49.06 | 2.597 | 21 24 20.4 | 8.539 | (298.) Ll. B. |
| 242 | 9 | 19 40 54.79 | 2.597 | 21 25 3.4 | 8.547 | (298.) Ll B. |
| 243 | 9 | 19 41 25.75 | 2.592 | 21 36 52.9 | 8.586 | (298.) |
| 244 | 9 | 19 41 57.66 | 2.593 | 21 35 40.1 | 8.630 | (298.) Ll. |
| 245 | 9 | 19 42 1.79 | 2.593 | 21 35 24.2 | 8.636 | (298.) Ll. |
| 246 | 9 | 19 42 41.16 | 2.594 | 21 35 30.4 | 8.686 | (298.) |
| 247 | 9 | 19 43 17.74 | 2.592 | 21 39 4.8 | 8.735 | (298.) |
| 248 | 8. 9 | 19 43 50.73 | 2.593 | 21 41 27.0 | 8.779 | (298.) |
| 249 | 8 | 19 44 13.12 | 2.591 | 21 44 15.2 | 8.808 | (298.) Ll. |
| 250 | 9 | 19 44 51.70 | 2.590 | 21 50 53.6 | 8.860 | (298.) |
| 251 | 9 | 19 45 5.06 | 2.588 | 21 54 24.9 | 8.876 | (298.) Ll. |
| 252 | 9 | 19 46 2.44 | 2.586 | 22 4 19.4 | 8.952 | (298.) Ll. |
| 253 | 9 | 19 46 55.71 | 2.593 | 21 48 9.5 | 9.022 | (298.) |
| 254 | 9 | 19 46 57.26 | 2.590 | 21 55 54.6 | 9.023 | (298.) Ll. |
| 255 | 9 | 19 47 19.72 | 2.594 | 21 43 55.6 | 9.053 | (298.) |
| 256 | 9 | 19 47 43.72 | 2.598 | 21 36 45.6 | 9.084 | (298.) |
| 257 | 8 | 19 48 16.01 | 2.588 | 22 2 25.3 | 9.126 | (298.) Ll. B. |
| 258 | 9 | 19 48 46.49 | 2.588 | 22 6 40.6 | 9.165 | (298.) Ll. B. |
| 259 | 9. 10 | 19 50 30.96 | 2.599 | 21 41 55.3 | 9.301 | (298.) |
| 260 | 9 | 19 51 16.39 | 2.599 | 21 44 30.6 | 9.359 | (298.) |
| 261 | 9 | 19 51 52.38 | 2.596 | 21 53 51.6 | 9.405 | (298.) |
| 262 | 9 | 19 52 35.65 | 2.590 | 22 13 27.3 | 9.461 | (298.) |
| 263 | 9. 10 | 19 52 52.14 | 2.590 | 22 12 35.3 | 9.482 | (298.) |
| 264 | 9 | 19 53 37.06 | 2.589 | 22 17 57.8 | 9.539 | (298.) R. |
| 265 | 9 | 19 54 15.49 | 2.589 | 22 18 43.1 | 9.588 | (298.) Ll. B. R. |
| 266 | 8. 9 | 19 54 28.81 | 2.586 | 22 26 3.3 | 9.606 | (298.) B. R. |
| 267 | 9. 10 | 19 55 19.86 | 2.593 | 22 9 13.4 | 9.671 | (298.) |
| 268 | 9 | 19 55 20.22 | 2.600 | 21 52 2.0 | 9.671 | (298.) Ll. B. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 269 | 8. 9 | 19 55 51.46 | + 2.604 | +21 44 15.0 | + 9.711 | (298.) Ll B. |
| 270 | 9. 10 | 19 56 35.09 | 2.602 | 21 51 24.5 | 9.767 | (298.) |
| 271 | 9 | 19 57 1.99 | 2.619 | 21 10 3.3 | 9.802 | (298.) |
| 272 | 9. 10 | 19 57 14.67 | 2.613 | 21 23 53.2 | 9.818 | (298.) |
| 273 | 9. 10 | 19 57 54.11 | 2.612 | 21 29 14.6 | 9.867 | (298.) |
| 274 | 9 | 19 58 20.79 | 2.624 | 21 1 59.5 | 9.901 | (298.) Ll. |
| 275 | 8. 9 | 19 59 14.94 | 2.593 | 22 22 18.2 | 9.970 | (298.) Ll B. R. |
| 276 | 9. 10 | 19 59 40.81 | 2.589 | 22 36 57.7 | 10.003 | (298.) Ll. |
| 277 | 9 | 19 59 44.51 | 2.626 | 22 44 29.9 | 10.008 | (298.) Ll. B. R. |
| 278 | 7 | 20 0 26.86 | 2.576 | 23 11 5.8 | 10.060 | (298.) Ll. B. |
| 279 | 9 | 20 2 2.13 | 2.629 | 21 0 18.5 | 10.180 | (297.) |
| 280 | 9. 10 | 20 2 5.22 | 2.625 | 21 11 15.0 | 10.184 | (298.) Ll. |
| 281 | 8. 9 | 20 2 13.48 | 2.612 | 21 43 18.7 | 10.194 | (298.) Ll. |
| 282 | 9. 10 | 20 3 4.29 | 2.578 | 23 11 6.7 | 10.258 | (298.) |
| 283 | 10 | 20 3 57.10 | 2.586 | 22 56 3.8 | 10.323 | (298.) B. |
| 284 | 8. 9 | 20 4 22.52 | 2.582 | 23 5 2.1 | 10.357 | (298.) Ll. B. |
| 285 | 9. 10 | 20 5 9.30 | 2.598 | 22 27 21.8 | 10.414 | (298.) |
| 286 | 9. 10 | 20 5 42.10 | 2.610 | 22 0 14.4 | 10.455 | (298.) |
| 287 | 9. 10 | 20 6 34.47 | 2.625 | 21 23 46.9 | 10.520 | (298.) |
| 288 | 9. 10 | 20 6 37.73 | 2.625 | 21 24 6.9 | 10.525 | (298.) |
| 289 | 9. 10 | 20 6 52.07 | 2.602 | 22 23 7.3 | 10.542 | (298.) B. |
| 290 | 9. 10 | 20 7 37.29 | 2.595 | 22 36 31.9 | 10.598 | (298.) B. |
| 291 | 9 | 20 7 48.85 | 2.600 | 22 33 3.9 | 10.613 | (298.) |
| 292 | 9 | 20 7 58.37 | 2.597 | 22 39 19.0 | 10.625 | (298.) B. |
| 293 | 9. 10 | 20 8 43.53 | 2.594 | 22 50 18.6 | 10.681 | (298.) |
| 294 | 7 | 20 9 1.39 | 2.595 | 22 53 9.8 | 10.702 | (298.) |
| 295 | 9. 10 | 20 10 13.33 | 2.598 | 22 44 30.0 | 10.791 | (298.) |
| 296 | 9. 10 | 20 10 59.53 | 2.612 | 22 10 26.7 | 10.849 | (298.) |
| 297 | 9. 10 | 20 11 0.51 | 2.624 | 21 40 42.1 | 10.850 | (298.) |
| 298 | 9. 10 | 20 11 31.44 | 2.617 | 22 1 5.7 | 10.887 | (298.) |
| 299 | 9. 10 | 20 12 18.44 | 2.623 | 21 44 52.6 | 10.945 | (298.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 300 | 9. 10 | 20 13 1.69 | + 2.632 | +21 24 54.4 | + 10.998 | (298.) |
| 301 | 9. 10 | 20 13 9.06 | 2.638 | 21 9 39.3 | 11.007 | (298.) B. |
| 302 | 8. 9 | 20 14 8.12 | 2.624 | 21 48 20.4 | 11.079 | (298.) Ll. B. |
| 303 | 9 | 20 17 27.34 | 2.613 | 22 29 12.6 | 11.319 | (298.) |
| 304 | 8. 9 | 20 18 6.41 | 2.638 | 21 27 12.6 | 11 366 | (298.) |
| 305 | 8. 9 | 20 18 33.46 | 2.649 | 21 0 12.1 | 11.399 | (297.) Ll. |
| 306 | 9 | 20 18 37.95 | 2.621 | 22 15 51.8 | 11.405 | (298.) |
| 307 | 10 | 20 18 40.13 | 2.639 | 21 27 48.8 | 11.407 | (298.) |
| 308 | 9 | 20 19 29.17 | 2.616 | 22 28 0.4 | 11.466 | (298.) |
| 309 | 10 | 20 19 55.59 | 2.604 | 23 5 54.3 | 11.498 | (298.) |
| 310 | 9 | 20 20 30.13 | 2.614 | 22 36 12.9 | 11.539 | (298.) |
| 311 | 8 | 20 21 36.48 | 2.638 | 21 38 49.3 | 11.617 | (298.) Ll. |
| 312 | 9 | 20 22 10.99 | 2.638 | 21 37 14.4 | 11.659 | (298.) Ll. B. |
| 313 | 8. 9 | 20 22 23.12 | 2.641 | 21 32 36.4 | 11.673 | (298.) Ll. B. |
| 314 | 9 | 20 23 22.17 | 2.618 | 22 36 7.0 | 11.742 | (298.) B. |
| 315 | 9 | 20 23 52.13 | 2.617 | 22 44 7.6 | 11.778 | (298 ) B. |
| 316 | 9 | 20 23 54.28 | 2.665 | 21 2 3.3 | 11.781 | (297.) |
| 317 | 9 | 20 24 48.01 | 2.645 | 21 33 11.3 | 11.845 | (298.) Ll. B. |
| 318 | 8 | 20 24 54.69 | 2.648 | 21 23 18.4 | 11.853 | (298.) Ll. B. |
| 319 | 8 | 20 25 29.44 | 2.646 | 21 30 39.5 | 11.893 | (298.) Ll. B. |
| 320 | 8. 9 | 20 26 32.64 | 2.645 | 21 38 35.2 | 11.968 | (298.) Ll. |
| 321 | 9 | 20 26 53.83 | 2.631 | 22 19 40.1 | 11.992 | (298.) B. |
| 322 | 9 | 20 27 33.83 | 2.631 | 22 23 11.4 | 12.039 | (298.) B. |
| 323 | 9 | 20 28 17.78 | 2.619 | 22 56 1.3 | 12.091 | (298.) B. |
| 324 | 9. 10 | 20 30 19.10 | 2.662 | 21 3 5.1 | 12.231 | (305.) B. |
| 325 | 9 | 20 30 37.61 | 2.659 | 21 17 3.2 | 12.253 | (298.) B. R. |
| 326 | 9 | 20 30 48.52 | 2.659 | 21 18 47.4 | 12.266 | (298.) |
| 327 | 9 | 20 31 3.92 | 2.654 | 21 31 1.7 | 12.283 | (298.) B. |
| 328 | 9. 10 | 20 31 51.92 | 2.633 | 22 32 43.2 | 12.337 | (298.) B. |
| 329 | 9. 10 | 20 32 36.95 | 2.631 | 22 42 28.8 | 12.389 | (298.) |
| 330 | 9. 10 | 20 34 4.02 | 2.644 | 22 11 53.6 | 12.490 | (298.) B. |



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 331 | 9. 10 | 20 34 42.78 | + 2.668 | +21 7 4.9 | + 12.534 | (305.) B. |
| 332 | 9 | 20 35 12.04 | 2.648 | 22 2 24.9 | 12.566 | (298.) B. |
| 333 | 9 | 20 35 13.39 | 2.640 | 22 26 59.4 | 12.568 | (298.) B. |
| 334 | 9 | 20 35 52.28 | 2.626 | 23 8 10.2 | 12.612 | (298.) B. |
| 335 | 9. 10 | 20 36 41.09 | 2.643 | 22 27 19.9 | 12.667 | (298.) B. |
| 336 | 9. 10 | 20 36 56.25 | 2.653 | 21 58 35.5 | 12.685 | (298.) |
| 337 | 9 | 20 40 28.38 | 2.668 | 21 26 0.1 | 12.921 | (298.) B. |
| 338 | 9 | 20 41 51.36 | 2.679 | 21 4 37.2 | 13.015 | (305.) |
| 339 | 10 | 20 47 44.96 | 2.686 | 21 8 10.5 | 13.402 | (215.) B. |
| 340 | 9 | 20 48 56.75 | 2.687 | 21 8 16.7 | 13.480 | (215.) B. R. |
| 341 | 9. 10 | 20 49 20.67 | 2.673 | 21 53 20.9 | 13.506 | (298.) B. R. |
| 342 | 10 | 20 49 29.85 | 2.687 | 21 11 12.6 | 13.516 | (215.) B. |
| 343 | 9. 10 | 20 51 33.96 | 2.658 | 22 51 56.9 | 13.649 | (298.) |
| 344 | 9. 10 | 20 54 8.65 | 2.662 | 22 49 36.8 | 13 814 | (298.) B. |
| 345 | 9. 10 | 20 54 36.67 | 2.688 | 21 36 51.3 | 13.843 | (298.) B. |
| 346 | 9 | 20 55 15.85 | 2.659 | 23 4 43.5 | 13.885 | (298.) Ll. R. |
| 347 | 8 | 20 56 3.33 | 2.693 | 21 13 13.1 | 13.934 | (215.) Ll. B. R. |
| 348 | 9 | 20 58 43.57 | 2.701 | 21 16 36.9 | 14.102 | (215.) |
| 349 | 8 | 21 1 14.40 | 2.706 | 21 9 51.5 | 14.257 | I. Ll. R. |
| 350 | 9 | 21 1 35.78 | 2.702 | 21 27 18.4 | 14.279 | (216.) |
| 351 | 9 | 21 1 50.12 | 2.701 | 21 33 32.7 | 14.294 | (216.) |
| 352 | 9 | 21 3 2.82 | 2.706 | 21 19 31.9 | 14.368 | (216.) B. R. |
| 353 | 9 | 21 3 45.45 | 2.698 | 21 50 54.1 | 14.410 | II. B. |
| 354 | 8 | 21 3 46.25 | 2.698 | 21 50 46.7 | 14.411 | III. B Doppelst. Ll. R. |
| 355 | 10 | 21 4 42.41 | 2.714 | 21 7 0.4 | 14.468 | (305.) |
| 356 | 9 | 21 6 43.63 | 2.714 | 21 17 56.3 | 14.591 | (216.) B. |
| 357 | 8 | 21 7 46.48 | 2.710 | 21 34 24.0 | 14 653 | (216.) B. |
| 358 | 9 | 21 8 35.33 | 2.719 | 21 9 29.2 | 14.702 | IV. B. |
| 359 | 8. 9 | 21 9 29.19 | 2.717 | 21 17 28.0 | 14.755 | V. B. |

I. (215) +0.24 -0.3; (216) -0.24 +0.3. II. (215) +0.01 -1.1; (216) -0.01 +1.2.
III. (215) +0.20 -1.2; (216) -0.20 +1.3 IV. (215) +0.02 -2.1; (216) -0.02 +2.2.
V. (215) +0.25 -1.2; (216) -0.25 +1.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 360 | 9 | 21 10 19.78 | + 2.707 | +21 54 23.2 | + 14.805 | I. B. |
| 361 | 8 | 21 10 45.54 | 2.709 | 21 55 0.7 | 14.831 | II. B. R. |
| 362 | 9 | 21 10 57.02 | 2.712 | 21 45 39.1 | 14.842 | (216.) B. |
| 363 | 8 | 21 11 22.60 | 2.716 | 21 29 17.2 | 14.867 | III. Ll. B. |
| 364 | 9 | 21 12 24.66 | 2.714 | 21 44 55.0 | 14.928 | (216.) Ll. |
| 365 | 8 | 21 13 24.58 | 2.722 | 21 24 34.9 | 14.986 | (216.) Ll. B. |
| 366 | 9 | 21 13 27.80 | 2.720 | 21 29 14.2 | 14.989 | (216.) B. |
| 367 | 9. 10 | 21 16 54.01 | 2.733 | 21 7 50.6 | 15.186 | IV. B. |
| 368 | 9 | 21 17 4.66 | 2.731 | 21 17 19.5 | 15.197 | V. B. |
| 369 | 8. 9 | 21 19 59.67 | 2.732 | 21 30 57.7 | 15.363 | (216.) B. |
| 370 | 9 | 21 20 3.20 | 2.727 | 21 48 40.3 | 15.365 | (216.) B. |
| 371 | 8 | 21 20 55.99 | 2.741 | 21 5 4.4 | 15.415 | VI. Ll. B. R. |
| 372 | 6 | 21 22 8.38 | 2.735 | 21 31 32.7 | 15.481 | VII. Ll. B. R. |
| 373 | 8 | 21 34 8.14 | 2.757 | 21 30 59.1 | 16.127 | (216.) Ll. B. |
| 374 | 7. 8 | 21 34 27.87 | 2.761 | 21 15 28.1 | 16.144 | (212.) Ll. B. R. |
| 375 | 9. 10 | 21 35 50.16 | 2.756 | 21 47 40.9 | 16.216 | (216.) |
| 376 | 9 | 21 51 21.75 | 2.789 | 21 31 44.5 | 16.977 | (216.) R. |
| 377 | 9 | 21 52 21.52 | 2.792 | 21 26 49.4 | 17.024 | (216.) R. |
| 378 | 9 | 21 52 58.99 | 2.788 | 21 54 41.6 | 17.052 | (217.) |
| 379 | 10 | 21 53 13.79 | 2.794 | 21 28 33.3 | 17.064 | (216.) |
| 380 | 10 | 21 54 38.06 | 2.793 | 21 47 39.6 | 17.128 | (216.) |
| 381 | 10 | 21 55 38.46 | 2.802 | 21 15 41.4 | 17.173 | (216.) |
| 382 | 9 | 21 55 55.63 | 2.801 | 21 21 33.6 | 17.187 | (216.) |
| 383 | 10 | 21 56 35.27 | 2.807 | 21 4 55.9 | 17.216 | (216.) |
| 384 | 10 | 21 57 16.38 | 2.807 | 21 4 15.3 | 17.247 | (216.) B. |
| 385 | 10 | 21 57 44.18 | 2.809 | 21 5 5.0 | 17.268 | (216.) |
| 386 | 10 | 21 59 41.51 | 2.807 | 21 33 18.0 | 17.355 | (216.) |
| 387 | 8 | 22 1 48.27 | 2.813 | 21 24 21.2 | 17.445 | VIII. B. R. |

I. (215) -0.01 0.0; (216) +0.02 [-30.8]. II. (215) +0.34 -0.4; (216) -0.34 +0.4.
III. (215) -0.09 -1.4; (216) +0.09 +1.5. IV. (215) -0.01 -1.9; (216) +0.02 +2.0.
V. (215) -0.03 -0.5; (216) -0.03 +0.6. VI. (215) +0.14 -1.5; (216) -0.13 +1.6.
VII. (215) -0.13 -0.2; (216) +0.14 +0.3. VIII. (216) -0.11 +0.1; (217) +0.12 0.0.

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| Nummer | Grösse | AR 1850 | Präcession 185.) | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 388 | 9 | 22 2 20.45 | + 2.807 | +21 47 54.9 | + 17.469 | (217.) B. |
| 389 | 8 | 22 2 36.20 | 2.813 | 21 30 31.4 | 17.480 | I. B. R. |
| 390 | 10 | 22 3 2.55 | 2.811 | 21 38 27.7 | 17.500 | (216.) |
| 391 | 10 | 22 3 36.42 | 2.808 | 22 3 50.5 | 17.523 | II. B. R. |
| 392 | 9. 10 | 22 3 48.40 | 2.808 | 22 3 29.6 | 17.531 | (217.) R. |
| 393 | 9 | 22 5 1.91 | 2.806 | 22 22 41.0 | 17.583 | (218.) |
| 394 | 10 | 22 6 4.51 | 2.825 | 21 3 19.9 | 17.627 | III. |
| 395 | 7 | 22 7 45.14 | 2.819 | 21 46 48.1 | 17.696 | IV. Ll. B. R. |
| 396 | 9. 10 | 22 8 33.60 | 2.815 | 22 20 47.2 | 17.729 | (218.) B R. |
| 397 | 8 | 22 9 37.22 | 2.819 | 22 9 3.1 | 17.772 | (218.) Ll. B. R. |
| 398 | 9 | 22 10 6.33 | 2.825 | 21 38 28.8 | 17.793 | V. B. |
| 399 | 9 | 22 10 14.89 | 2.830 | 21 15 51.4 | 17.799 | VI. B. |
| 400 | 10 | 22 11 18.11 | 2.830 | 21 27 32.9 | 17.841 | (216.) |
| 401 | 10 | 22 11 23.23 | 2.823 | 21 57 41.7 | 17.844 | (218.) |
| 402 | 10 | 22 11 44.75 | 2.827 | 21 49 46.5 | 17.859 | (216.) |
| 403 | 10 | 22 11 49.42 | 2.824 | 22 5 18.8 | 17.861 | (218.) |
| 404 | 9 | 22 13 6.14 | 2.839 | 21 3 55.4 | 17.912 | VII. B. |
| 405 | 9 | 22 13 38.24 | 2.826 | 22 18 31.5 | 17.932 | (216.) B. R. |
| 406 | 9. 10 | 22 15 25.48 | 2.836 | 21 38 4.0 | 18.002 | VIII. B. R. |
| 407 | 10 | 22 15 28.20 | 2.844 | 21 0 27.7 | 18.004 | (305.) B. |
| 408 | 9. 10 | 22 15 38.63 | 2.844 | 21 10 7.3 | 18.010 | (218.) B. |
| 409 | 10 | 22 16 7.79 | 2.835 | 21 52 54.7 | 18.030 | (217.) |
| 410 | 10 | 22 16 9.52 | 2.843 | 21 13 36.7 | 18.031 | (218.) B. |
| 411 | 9 | 22 16 41.15 | 2.844 | 21 20 58.6 | 18.051 | (217.) |
| 412 | 10 | 22 16 47.27 | 2.838 | 21 46 32.5 | 18.054 | (216.) |
| 413 | 9. 10 | 22 17 40.97 | 2.840 | 21 47 44.5 | 18.099 | IX. R. |

**I.** (216) +0.05 -1.5; (217) -0.04 +1.5. **II.** 217) +0.17 [-30.1]; (218) -0.16 0.0. **III.** (216) +0.43 -1.8; (305) -0.43 +1.9. **IV.** (216) +0.26 -1.8; (217) -0.17 +0.4; (218) -0.09 +1.5. **V.** (217) +0.26 -1.8; (218) -0.26 +1.8. **VI.** (216) -0.08 -1.0; (217) [-1.20] +0.8; (218) +0.08 -0.3. **VII.** (216) -0.16 -1.1; (217) +0.19 +0.6; (218) -0.04 +0.6. **VIII.** (216) -0.07 +1.2; (217) +0.15 -1.8; (218) -0.08 +0.5. **IX.** (216) -0.20 -0.1; (217) +0.21 +0.2.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 414 | 9 | 22 18 2.34 | + 2.848 | +21 6 57.2 | +18.102 | I. Ll. R. |
| 415 | 8 | 22 18 22.29 | 2.840 | 21 48 50.5 | 18.115 | (216.) Ll. B. |
| 416 | 9 | 22 18 40.81 | 2.845 | 21 33 28.1 | 18.127 | (217.) |
| 417 | 10 | 22 18 51.40 | 2.849 | 21 13 1.8 | 18.134 | (216.) |
| 418 | 9 | 22 19 36.14 | 2.852 | 21 6 28.9 | 18.162 | (216.) Ll. R. |
| 419 | 9 | 22 19 38.19 | 2.842 | 22 3 6.3 | 18.162 | (217.) Ll. B. |
| 420 | 9 | 22 19 58.36 | 2.852 | 21 10 1.1 | 18.175 | (216.) |
| 421 | 10 | 22 22 47.70 | 2.848 | 22 3 52.7 | 18.277 | (218.) |
| 422 | 9 | 22 23 5.97 | 2.852 | 21 42 6.2 | 18.288 | (217.) Ll. B. R. |
| 423 | 10 | 22 23 22.92 | 2.851 | 21 46 12.9 | 18.298 | (217.) B. R. |
| 424 | 9 | 22 23 38.02 | 2.849 | 22 7 57.2 | 18.307 | (218.) |
| 425 | 9. 10 | 22 25 50.89 | 2.864 | 21 9 1.7 | 18.385 | (218.) |
| 426 | 9 | 22 26 45.16 | 2.861 | 21 39 17.4 | 18.416 | (217.) |
| 427 | 9. 10 | 22 27 46 72 | 2.866 | 21 19 48.8 | 18.452 | II. B. R. |
| 428 | 8 9 | 22 27 47.27 | 2.865 | 21 31 39.9 | 18 452 | III. B. R. |
| 429 | 10 | 22 31 28.89 | 2 876 | 21 2 2.2 | 18 577 | (216.) |
| 430 | 8 | 22 32 45.11 | 2.869 | 22 5 51.9 | 18.619 | IV. Ll. R. |
| 431 | 10 | 22 32 56.13 | 2 873 | 21 46 15.3 | 18.625 | (216.) |
| 432 | 10 | 22 33 3.04 | 2.873 | 21 43 13 8 | 18.629 | (216.) |
| 433 | 8 | 22 34 1.61 | 2.872 | 22 4 57.6 | 18.660 | (218.) B. |
| 434 | 10 | 22 34 7.31 | 2.873 | 21 59 3.5 | 18.663 | (218.) |
| 435 | 8 | 22 34 36.58 | 2 879 | 21 36 20.8 | 18.679 | (218.) Ll. B. R. |
| 436 | 8. 9 | 22 34 50.05 | 2.881 | 21 19 11.8 | 18.686 | V. Ll. B. |
| 437 | 9 | 22 35 54.19 | 2.875 | 22 14 56.3 | 18 720 | (218.) B. R. |
| 438 | 8. 9 | 22 37 14.87 | 2.887 | 21 9 57.8 | 18.762 | VI. Ll. B. R. |
| 439 | 10 | 22 37 22.80 | 2,876 | 22 22 59.5 | 18.767 | (218.) |
| 440 | 9 | 22 38 13.99 | 2.886 | 21 31 8.2 | 18.792 | (217.) |
| 441 | 10 | 22 38 23.22 | 2.879 | 22 18 5.3 | 18.797 | (218.) B. |

I. (217) -0.27 -0.4; (305) +0.27 +0.5. II. (216) +0.14 -1.5; (218) -0.13 +1.6.
III. (217) +0.16 +0.7; (218) -0.16 -0.6. IV. (217) +0.02 -0.9; (218) -0.02 +1.0.
V. (217) -0.02 +2.5; (218) +0.02 -2.5. VI. (217) +0.08 +1.1; (218) -0.08 -1.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 442 | 9 | 22 39 36.66 | + 2.887 | +21 54 38.9 | + 18 834 | I. B. |
| 443 | 9. 10 | 22 40 59.33 | 2.895 | 21 12 29.0 | 18.874 | II. B. R. |
| 444 | 9 | 22 45 2.77 | 2.896 | 22 5 16.6 | 18.991 | III. B. R. |
| 445 | 10 | 22 46 13 08 | 2.901 | 21 47 23.1 | 19.019 | (216.) |
| 446 | 9. 10 | 22 46 39.06 | 2.905 | 21 36 50.1 | 19.036 | IV. |
| 447 | 10 | 22 46 44 18 | 2.903 | 21 48 31.7 | 19.039 | (216.) |
| 448 | 9 | 22 46 58.09 | 2.905 | 21 36 13.8 | 19.044 | V. B. |
| 449 | 9 | 22 47 58.43 | 2.902 | 22 12 9.8 | 19.072 | (218.) |
| 450 | 10 | 22 49 5.62 | 2.914 | 21 3 51.1 | 19.102 | (216.) |
| 451 | 8 | 22 49 6.41 | 2 905 | 22 9 24.0 | 19.102 | (218.) Ll. B. R. |
| 452 | 9 | 22 51 3.03 | 2.913 | 21 43 53.0 | 19.153 | VI. B. |
| 453 | 9 | 22 51 47.95 | 2 909 | 22 26 24.2 | 19.172 | VII. R. |
| 454 | 10 | 22 52 26 27 | 2.911 | 22 8 31.6 | 19.188 | VIII. |
| 455 | 9 | 22 52 55.15 | 2.910 | 22 37 29.8 | 19.201 | IX. |
| 456 | 10 | 22 53 29.22 | 2.911 | 22 29 28.7 | 19.215 | (222.) |
| 457 | 9 | 22 53 39.07 | 2 918 | 21 50 36.3 | 19.219 | X. B. |
| 458 | 8. 9 | 22 53 41.37 | 2.920 | 21 35 9.6 | 19.219 | (218.) B. |
| 459 | 9 | 22 53 57.16 | 2.913 | 22 33 48.0 | 19.227 | XI. |
| 460 | 9 | 22 54 12.12 | 2.913 | 22 37 30.4 | 19.233 | (222.) |
| 461 | 9 | 22 54 16.60 | 2.915 | 22 16 8.8 | 19.235 | XII. Ll. |
| 462 | 9. 10 | 22 54 55.67 | 2.912 | 22 55 11.8 | 19.251 | (221.) B. |
| 463 | 7. 8 | 22 55 2.47 | 2.915 | 22 32 5.1 | 19.254 | XIII. Ll. B. |
| 464 | 9 | 22 55 25.47 | 2.917 | 22 19 32.6 | 19.263 | XIV. Ll. B. |

I. (217) +0.15 0.0; (218) -0.14 +0.1. II. (217) +0.12 +1.6; (218) -0.11 -1.6. III. (216) +0.18 +1.7; (217) +0.02 +0.7; (218) -0.21 -2.5. IV. (217) +0.08 -0.7; (218) -0.08 +0.8. V. (216) +0.15 -0.2; (217) +0.05 -0.8; (218) -0.21 +1.1. VI. (218) +0.15 -0.7; (220) -0.01 +0.7; (221) -0.15 0.0 VII. (220) +0.07 +2.4; (221) -0.06 -0.4; (222) -0.01 -2.1. VIII. (218) -0.11 +0.9; (221) +0.11 -0.8. IX. (220) +0.02 +2.0; (221) -0.31 -2.5; (222) +0.29 +0.4. X. (218) +0.18 -1.1; (221) -0.17 +1.2. XI. (220) +0.18 +3 3; (222) -0.18 -3.2. XII. (220) +0.11 -1.0; (221) -0.10 +1.1. XIII. (220) -0.02 +1.5; (222) +0.03 -1.5. XIV. (218) -0.14 -0.6; (220) +0.14 +3.8; (222) +0.01 -3.2.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 465 | 9 | 22 55 58.81 | + 2.918 | +22 28 23.1 | + 19.278 | I. B. |
| 466 | 9 | 22 56 16.45 | 2.918 | 22 34 21.0 | 19.284 | II. Ll. B. |
| 467 | 9 | 22 56 22.75 | 2.916 | 22 42 7.6 | 19.287 | (222.) |
| 468 | 9 | 22 56 28.41 | 2.924 | 21 35 7.8 | 19.289 | (220.) |
| 469 | 9 | 22 56 55.17 | 2.919 | 22 38 34.8 | 19.300 | (222.) |
| 470 | 9 | 22 58 17.54 | 2.921 | 22 40 32.6 | 19 332 | (222.) |
| 471 | 9 | 22 58 25.75 | 2.926 | 22 3 39.6 | 19. 34 | (220.) |
| 472 | 9 | 22 58 51.02 | 2.930 | 21 47 11.7 | 19.344 | (220.) |
| 473 | 9 | 22 59 19.04 | 2.936 | 21 0 30.9 | 19 356 | (218.) B. |
| 474 | 10 | 22 59 39.04 | 2.925 | 22 48 [illegible].9 | 19.364 | (222.) |
| 475 | 9. 10 | 22 59 40.11 | 2.925 | 22 48 27.5 | 19.364 | III. |
| 476 | 9. 10 | 23 0 21.23 | 2.929 | 22 15 8.0 | 19.378 | IV. |
| 477 | 9 | 23 0 53 99 | 2.938 | 21 18 37.1 | 19.392 | V. B. |
| 478 | 9 | 23 0 57.26 | 2.982 | 22 13 11.0 | 19.393 | VI. B. |
| 479 | 9. 10 | 23 1 30.08 | 2.931 | 22 18 39.1 | 19.405 | VII. |
| 480 | 8. 9 | 23 1 30.25 | 2.935 | 21 39 34.7 | 19.405 | VIII. B. |
| 481 | 10 | 23 2 9.06 | 2.926 | 23 23 45.1 | 19.420 | (222.) B. R. |
| 482 | 9 | 23 2 12.92 | 2 930 | 22 46 38.7 | 19.421 | IX. Ll. B. |
| 483 | 9 | 23 2 14.04 | 2.925 | 23 26 53.9 | 19.422 | (222.) Ll. B. R. |
| 484 | 9 | 23 2 30.18 | 2.938 | 21 40 47.8 | 19.427 | X. |
| 485 | 9 | 23 3 10.38 | 2.927 | 23 35 43.0 | 19.441 | (222.) Ll. |
| 486 | 8. 9 | 23 3 34.49 | 2.930 | 23 29 14.0 | 19.450 | (222.) Ll. B. |
| 487 | 9. 10 | 23 3 54.13 | 2.932 | 23 7 55.7 | 19.457 | XI. |
| 488 | 10 | 23 4 7.26 | 2.946 | 21 3 31.8 | 19.462 | (218.) |
| 489 | 9 | 23 5 27.64 | 2.934 | 23 15 15.9 | 19.490 | (222.) B. |
| 490 | 10 | 23 5 31.59 | 2.950 | 21 9 42.4 | 19 491 | (218.) |

I. (220) +0.04 +1.8; (222) -0.03 -1.8. II. (220) +0.11 +0.3; (222) -0.10 -0.3. III. (221) -0.02 -0.3; (222) +0.03 +0.4. IV. (220) -0.21 -0.3; (221) +0.03 -0.9; (222) +0.18 +1.1. V. (218) +0.17 -3.3; (220) -0.17 +3.3. VI. (220) -0.17 +0.6; (221) +0.11 -0.1; (222) +0.05 -0.6. VII. (221) +0.14 +0.1; (222) -0.13 -0.1. VIII. (218) -0.15 -3.8; (220) +0.16 +3.8. IX. (221) -0.17 -0.5; (222) +0.18 +0.5. X. (218) -0.03 -1.0; (220) +0.04 +1.1. XI. (221) +0.11 +2.3; (222) -0.11 -2.4.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 491 | 9 | 23 5 41.01 | + 2.936 | +23 21 0.2 | + 19.494 | (222.) R. |
| 492 | 9 | 23 5 54.22 | 2.949 | 21 16 14.2 | 19.499 | I. Ll. B. |
| 493 | 9 | 23 5 55.76 | 2.941 | 22 31 27.6 | 19.499 | II. |
| 494 | 8. 9 | 23 6 26.57 | 2.936 | 23 19 24.9 | 19.511 | (222.) B. |
| 495 | 8 | 23 6 37.83 | 2.938 | 23 25 3.9 | 19.514 | (222.) Ll. B. |
| 496 | 9. 10 | 23 6 52.67 | 2.945 | 22 20 55.2 | 19.519 | III. |
| 497 | 7. 8 | 23 7 12.86 | 2.939 | 23 17 12.0 | 19.525 | (222.) Ll. B. R. |
| 498 | 9 | 23 7 40.90 | 2.939 | 23 34 10.8 | 19.534 | (222.) B. R. |
| 499 | 8 | 23 7 58.88 | 2.943 | 23 3 10.5 | 19.542 | IV. B. |
| 500 | 8. 9 | 23 8 19.15 | 2.939 | 23 36 26.5 | 19.548 | (222.) Ll. B. R. |
| 501 | 9. 10 | 23 8 39.84 | 2.955 | 21 21 36.8 | 19 554 | V. |
| 502 | 10 | 23 9 1.02 | 2.951 | 22 3 8.7 | 19.561 | VI. |
| 503 | 9 | 23 9 50.89 | 2.956 | 21 32 39.5 | 19.577 | VII. B. |
| 504 | 10 | 23 10 28.00 | 2.955 | 21 49 10.1 | 19.589 | (221.) |
| 505 | 9 | 23 10 32.15 | 2.959 | 21 29 52.8 | 19.590 | VIII. B. |
| 506 | 9 | 23 10 51.94 | 2.956 | 21 58 54.5 | 19.597 | IX. |
| 507 | 10 | 23 11 8.14 | 2.956 | 21 55 6.7 | 19.602 | X. |
| 508 | 9 | 23 11 29.38 | 2.956 | 22 1 58.7 | 19.608 | XI. B. |
| 509 | 9 | 23 11 37.67 | 2.957 | 22 15 8.8 | 19.610 | (223.) |
| 510 | 8 | 23 12 14.68 | 2.959 | 21 48 37.6 | 19.621 | (221.) |
| 511 | 8 | 23 12 16.95 | 2.953 | 23 0 25.2 | 19.622 | (223.) B. R. |
| 512 | 8 | 23 12 46.62 | 2.959 | 22 16 19.7 | 19.631 | XII. B. |

I. (217) +0.34 +0.1; (218) +0.11 +0.3; (219) -0.25 +0.8; (220) -0.18 -1.0. II. (220) +0.04 +0.9; (221) -0.04 -0.8. III. (219) -0.19 -1.7; (220) +0.07 +2.0; (221) +0.11 -0.3. IV. (221) -0.09 -0.3; (222) +0.10 +0.4. V. (216) +0.28 -4.5; (217) -0.04 -0.2; (218) -0.03 +0.4; (219) -0.33 +0.1; (220) +0.14 +4.9. VI. (219) +0.01 -2.1; (221) -0.01 +2.1. VII. (216) +0.28 -0.9; (217) +0.05 -0.8; (218) -0.33 +1.6; (220) +0.01 [+8.7]. VIII. (216) +0.33 -2.7; (217) +0.01 -1.0; (218) -0.42 -0.4; (220) +0 07 +4.0. IX. (217) +0.05 -1.4; (219) -0.18 -2.2; (220) +0.07 +3.3; (221) +0.01 +0.4. X. (216) +0.58 -2.7; (217) +0.08 -2.0; (219) -0.68 +0.1; (221) +0.04 +4.7. XI. (219) -0.10 -0.3; (220) +0.10 +0.4. XII. (218) -0.13 -2.9; (219) -0.19 +0.4; (220) +0.18 +1.7; (221) -0.03 -0.2; (223) +0.16 +1.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | s″ | ° ′ ″ | ″ | |
| 513 | 10 | 23 12 51.72 | + 2.958 | +22 28 6.6 | + 19.632 | (219.) |
| 514 | 9. 10 | 23 13 1.35 | 2.964 | 21 19 56.1 | 19.634 | I. B. R. |
| 515 | 7 | 23 13 13.01 | 2.955 | 22 55 13.4 | 19.638 | II. Ll. B. R. |
| 516 | 10 | 23 13 23.56 | 2.965 | 21 8 31.9 | 19.641 | (216.) Doppelst. B. |
| 417 | 10 | 23 13 45.40 | 2.962 | 22 11 1.0 | 19.648 | III. |
| 518 | 10 | 23 14 2.75 | 2.964 | 21 46 53.0 | 19.653 | (219.) |
| 519 | 10 | 23 14 34.54 | 2.966 | 21 50 22.8 | 19.662 | IV. |
| 520 | 8 | 23 14 48.36 | 2.961 | 22 43 51.9 | 19.666 | (223.) Ll. B. |
| 521 | 9 | 23 14 59.59 | 2.962 | 22 34 26.4 | 19.669 | (221.) |
| 522 | 10 | 23 15 7.52 | 2.967 | 21 39 48.0 | 19.672 | (219.) R. |
| 523 | 10 | 23 15 20.37 | 2.969 | 21 18 51.4 | 19.674 | (217.) |
| 524 | 9. 10 | 23 16 23.97 | 2.963 | 22 46 58.5 | 19.693 | (223.) |
| 525 | 9 | 23 16 43.32 | 2.968 | 22 25 27.5 | 19.698 | V. |
| 526 | 8 | 23 16 53.88 | 2.965 | 22 56 18.5 | 19.702 | (221.) Ll. R. |
| 527 | 9. 10 | 23 17 0.23 | 2.973 | 21 24 59.9 | 19.703 | VI. |
| 528 | 9 | 23 17 19.63 | 2.966 | 22 39 23.9 | 19.708 | VII. R. |
| 529 | 10 | 23 17 33.94 | 2.969 | 22 3 55.8 | 19.715 | VIII. |
| 530 | 9 | 23 17 38.77 | 2.971 | 22 14 11.7 | 19.715 | IX. B. |
| 531 | 10 | 23 17 43.21 | 2.969 | 22 40 56.0 | 19.715 | X. B. |
| 532 | 6 | 23 17 53.82 | 2.969 | 22 34 46.8 | 19.718 | XI. Ll. B. R. |
| 533 | 10 | 23 18 35.94 | 2.970 | 22 54 12.5 | 19.729 | XII. B. R. |
| 534 | 10 | 23 18 36.77 | 2.979 | 21 9 49.3 | 19.730 | XIII. |
| 535 | 9 | 23 19 11.54 | 2.970 | 22 52 19.6 | 19.738 | XIV. B. |
| 536 | 9. 10 | 23 19 13.72 | 2.975 | 21 52 16.5 | 19.739 | XV. B. |

I. (216) +0.25 -3.9; (217) -0.09 -0.2; (220) -0.17 +4.2. II. (221) -0.33 -0.4; (223) +0.33 +0.5. III. (217) +0.16 -1.1; (223) -0.15 +1.1. IV. (219) -0.47 -1.3; (220) +0.14 +0.7; (221) +0.33 +0.7. V. (219) -0.32 -0.8; (223) +0.32 +0.8. VI. (216) +0.02 +0.3; (217) -0.01 -0.2. VII. (221) +0.14 -2.9; (223) -0.14 +2.9. VIII. (217) -4.78 +0.7; (219) +4.79 -0.7. IX. (219) -0.10 -2.0; (220) +0.10 -1.2; (223) -0.01 +3.3. X. (221) -0.09 0.0; (223) +0.09 0.0. XI. (220) +0.28 +0.1; (221) +0.04 -1.5; (223) -0.32 +1.4. XII. (221) -0.03 -1.5; (223) +0.03 +1.5. XIII. (217) +0.09 +0.5; (219) -0.09 -0.4. XIV. (221) +0.16 -0.8; (223) -0.16 +0.9. XV. (216) -0.55 -2.2; (217) +0.20 +0.6; (220) +0.35 +1.5.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 537 | 9 | 23 19 32.43 | + 2.969 | + 23 38 35.4 | + 19.743 | (223.) B. R. |
| 538 | 8. 9 | 23 20 29.63 | 2.973 | 22 45 40.9 | 19.758 | I. Ll. B. B. |
| 539 | 9. 10 | 23 20 35.79 | 2.973 | 22 45 7.4 | 19.759 | II. B. R. |
| 540 | 10 | 23 20 54.21 | 2.984 | 21 1 0.9 | 19.764 | III. |
| 541 | 8 | 23 21 37.90 | 2.980 | 22 13 35.4 | 19.775 | IV. B. R. |
| 542 | 9 | 23 22 10.34 | 2.980 | 22 19 26.1 | 19.783 | V. |
| 543 | 10 | 23 22 31.51 | 2.986 | 21 23 11.2 | 19.787 | (218.) R. |
| 544 | 10 | 23 22 43.01 | 2.984 | 21 51 26.3 | 19.790 | (219.) |
| 545 | 10 | 23 22 51.27 | 2.984 | 21 54 33.0 | 19.792 | VI. |
| 546 | 8. 9 | 23 23 13.99 | 2.987 | 21 13 14.8 | 19.797 | VII. Ll. B. |
| 547 | 9 | 23 23 44.21 | 2.983 | 22 44 32.4 | 19.804 | VIII. |
| 548 | 9 | 23 24 24.36 | 2.983 | 22 48 51.7 | 19.814 | IX. |
| 549 | 8 | 23 25 0.11 | 2.984 | 23 1 3.7 | 19.824 | X. Ll. B. B. |
| 550 | 10 | 23 25 16.06 | 2.991 | 21 27 4.6 | 19.824 | (217.) R. |
| 551 | 10 | 23 25 45.04 | 2.984 | 23 34 6.8 | 19.831 | (223.) B. |
| 552 | 10 | 23 25 56.81 | 2.989 | 22 25 — | 19.833 | (219.) |
| 553 | 6 | 23 25 57.91 | 2.992 | 21 40 18.2 | 19.834 | XI. Ll. B. B. |
| 554 | 8 | 23 26 6.15 | 2.985 | 23 30 49.9 | 19.835 | (223.) Ll. B. |
| 555 | 9 | 23 26 6.39 | 2.993 | 21 30 3.7 | 19.835 | XII. Ll. B. B. |
| 556 | 9 | 23 26 8.74 | 2.991 | 21 49 54.3 | 19.836 | (218.) |
| 557 | 10 | 23 27 3.17 | 2.996 | 21 6 55.1 | 19.848 | (217.) |
| 558 | 7 | 23 27 30.35 | 2.987 | 23 35 53.5 | 19.853 | (223.) Ll. B. |
| 559 | 10 | 23 27 48.05 | 2.996 | 22 51 56.1 | 19.857 | XIII. |
| 560 | 9 | 23 28 39.53 | 2.995 | 22 42 7.0 | 19.867 | XIV. B. |

I. (221) +0.21 +1.0; (223) -0.21 -1.0. II. (221) +0.08 +0.9; (223) -0.07 -0.8. III. (219) -0.44 -1.4; (220) +0.44 +1.4. IV. (220) -0.12 -0.1; (221) -0.02 -0.4; (223) +0.14 +0.4. V. (219) +0.03 -1.9; (220) -0.05 +1.7; (221) -0.08 -1.6; (223) +0.10 +2.0. VI. (220) -0.01 -1.8; (221) +0.01 +1.9. VII. (216) +0.28 -0.2; (218) -0.30 -0.1; (220) -0.38 +0.3. VIII. (221) -0.03 -1.0; (223) +0.03 +1.1. IX. (221) +0.01 +0.2; (223) 0.00 -0.2. X. (221) +0.01 +0.4; (223) 0.00 -0.4. XI. (216) +0.31 -2.5; (218) -0.19 -1.5; (220) +0.02 +2.5; (221) -0.13 +1.4. XII. (217) +0.17 -0.7; (219) -0.17 +0.7. XIII. (221) +0.04 -1.7; (223) -0.03 +1.8. XIV. (221) +0.03 -1.1; (223) -0.03 +1.2.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 561 | 9 | 23 28 58.32 | + 2.993 | 23 17 12.3 | + 19.871 | (223.) B. |
| 562 | 9 | 23 28 58.94 | 3.001 | 21 3 13.7 | 19.871 | I. B. |
| 563 | 9 | 23 29 47.29 | 3.002 | 21 24 42.8 | 19.880 | II. Ll. B. |
| 564 | 8. 9 | 23 29 49.30 | 3.001 | 21 39 44.1 | 19.881 | (220.) Ll. |
| 565 | 10 | 23 29 51.30 | 2.997 | 22 45 56.7 | 19.881 | (221.) |
| 566 | 9 | 23 30 8.71 | 3.002 | 21 29 57.7 | 19.885 | (217.) R. |
| 567 | 9. 10 | 23 30 12.83 | 3.002 | 21 26 15.2 | 19.886 | III. B. |
| 568 | 9 | 23 31 11.94 | 3.000 | 22 42 28.1 | 19.896 | (221.) |
| 569 | 7. 8 | 23 31 17.42 | 3.001 | 22 28 49.0 | 19.897 | IV. Ll. B. R. |
| 570 | 9 | 23 31 26.00 | 3.003 | 21 43 19.1 | 19.899 | (218.) B. |
| 571 | 9 | 23 32 57.50 | 3.008 | 21 40 2.1 | 19.916 | V. B. |
| 572 | 10 | 23 33 2.36 | 3.004 | 23 5 6.3 | 19.916 | (221.) |
| 573 | 10 | 23 33 16.82 | 3.007 | 21 58 5.0 | 19.919 | (217.) |
| 574 | 8 | 23 34 1.20 | 3.005 | 23 23 40.2 | 19.926 | (223.) Ll. B. R. |
| 575 | 9 | 23 34 36.09 | 3.008 | 23 9 40.8 | 19.932 | VI. B. |
| 576 | 9 | 23 34 41.56 | 3.006 | 23 23 32.8 | 19.933 | (223.) B. |
| 577 | 9. 10 | 23 35 25.73 | 3.014 | 21 17 32.7 | 19.940 | VII. |
| 578 | 9. 10 | 23 35 49.95 | 3.013 | 22 16 14.1 | 19.944 | VIII. |
| 579 | 9 | 23 35 50.73 | 3.009 | 23 37 6.6 | 19.944 | (223.) |
| 580 | 8. 9 | 23 36 8.53 | 3.017 | 21 6 34.7 | 19.947 | IX. Ll. B. |
| 581 | 10 | 23 37 14.18 | 3.014 | 23 3 27.1 | 19.956 | (221.) |
| 582 | 10 | 23 38 34.97 | 3.021 | 22 5 47.8 | 19.967 | (217.) |
| 583 | 9 | 23 38 47.23 | 3.017 | 23 37 37.9 | 19.968 | (223.) |
| 584 | 9 | 23 38 48.86 | 3.017 | 22 37 2.8 | 19.969 | X. B. |
| 585 | 10 | 23 39 33.92 | 3.025 | 21 26 23.5 | 19.975 | XI. |

I. (217) +0.08 +0.2; (218) -0.07 -0.1. II. (217) +0.01 -0.1; (218) 0.00 +1.1. III. (217) -0.91 -2.1; (220) +0.91 +2.1. IV. (220) -0.26 +1.4; (221) +0.20 -1.8; (223) +0.07 +0.4. V. (218) -0.08 -3.2; (219) +0.04 +1.8; (220) +0.04 +1.3. VI. (221) +0.10 -0.3; (223) -0.10 +0.4. VII. (218) -0.59 —; (219) +0.03 -0.2; (220) +0.52 +0.2. VIII. (219) -0.15 +1.5; (221) +0.15 -1.4. IX. (217) +0.18 -2.5; (218) -0.17 +2.6. X. (219) 0.00 +0.4; (221) +0.12 -1.2; (223) -0.12 +0.7. XI. (218) +0.02 -3.9; (219) -0.02 +3.9.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 586 | 9 | 23 39 39.40 | + 3.021 | +23 5 56.2 | + 19.975 | (221.) B. |
| 587 | 10 | 23 40 57.76 | 3.024 | 22 40 40.2 | 19.986 | (219.) |
| 588 | 8 | 23 41 43.19 | 3.028 | 22 1 19.4 | 19.991 | I. B. R. |
| 589 | 9 | 23 41 47.16 | 3.028 | 23 2 41.8 | 19.991 | (221.) B. |
| 590 | 9. 10 | 23 41 51.46 | 3.027 | 22 36 41.6 | 19.991 | (219.) |
| 591 | 10 | 23 42 3.20 | 3.028 | 21 59 9.4 | 19.992 | (217.) |
| 592 | 8. 9 | 23 42 33.97 | 3.029 | 22 57 46.8 | 19.996 | (221.) Ll. B. |
| 593 | 10 | 23 42 54.94 | 3.032 | 21 11 33.8 | 19.998 | (219.) |
| 594 | 9 | 23 43 45.89 | 3.035 | 22 27 48.6 | 20.005 | II. B. |
| 595 | 10 | 23 43 59.27 | 3.033 | 22 11 43.1 | 20.006 | (217.) |
| 596 | 9 | 23 45 4.07 | 3.035 | 22 8 29.9 | 20.012 | III. |
| 597 | 9 | 23 45 29.54 | 3.035 | 22 15 15.3 | 20.015 | (218.) B. |
| 598 | 9. 10 | 23 46 28.24 | 3.036 | 22 40 8.0 | 20.020 | IV. |
| 599 | 9 | 23 46 51.03 | 3.040 | 22 5 13.2 | 20.022 | (218.) |
| 600 | 9. 10 | 23 47 25.22 | 3.039 | 22 14 35.1 | 20.024 | V. R. |
| 601 | 10 | 23 47 46.12 | 3.043 | 21 21 52.0 | 20.027 | (220.) B. |
| 602 | 9 | 23 48 26.91 | 3.041 | 22 36 49.9 | 20.030 | (219.) |
| 603 | 9 | 23 48 30.28 | 3.042 | 22 3 5.4 | 20.030 | VI. |
| 604 | 7. 8 | 23 49 3.31 | 3.045 | 21 48 48.4 | 20.032 | VII. Ll. B. R. |
| 605 | 10 | 23 49 5.34 | 3.045 | 21 56 6.5 | 20.033 | VIII. R. |
| 606 | 9 | 23 49 36.17 | 3.048 | 21 10 41.8 | 20.035 | (217.) B. |
| 607 | 8. 9 | 23 49 40.33 | 3.048 | 21 32 10.4 | 20.035 | (220.) Ll. B. R. |
| 608 | 9. 10 | 23 50 8.94 | 3.047 | 22 2 52.5 | 20.037 | IX. |
| 609 | 10 | 23 50 56.72 | 3.050 | 21 31 32.6 | 20.039 | (218.) |
| 610 | 9 | 23 51 27.86 | 3.050 | 21 21 14.1 | 20.040 | X. B. |

I. (217) +0.13 +2.0; (218) 0.00 -2.6; (220) -0.13 +0.6. II. (217) -0.42 [+82.5]; (220) +0.31 +1.3; (221) +0.10 -1.2. III. (217) +0.07 -0.7; (218) -0.02 +0.7; (219) -0.18 -2.5; (221) +0.12 +2.7. IV. (219) -0.11 -1.9; (220) +0.12 +0.4; (221) -0.02 +1.6. V. (219) -0.17 +3.5; (220) +0.06 -3.4; (221) +0.11 -0.2. VI. (218) +0.17 -1.5; (219) -0.17 +1.5. VII. (218) -0.05 -5.3; (219) +0.06 +2.4; (220) -0.01 +2.9. VIII. (218) +0.20 -0.5; (220) -0.19 +0.5. IX. (218) +0.03 -3.9; (219) -0.04 +3.1; (221) +0.01 -0.1. X. (218) +0.10 -1.1; (220) -0.09 +1.1.

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+21° +24°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 611 | 10 | 23 51 28.44 | +3.050 | +22 37 17.8 | +20.040 | (219.) |
| 612 | 9 | 23 52 35.32 | 3.053 | 22 41 41.7 | 20.044 | (221.) B. |
| 613 | 8. 9 | 23 53 7.15 | 3.053 | 22 42 14.7 | 20.045 | (221.) Ll. B. |
| 614 | 9 | 23 53 18.96 | 3.054 | 21 53 45.4 | 20.046 | I. |
| 615 | 10 | 23 53 49.73 | 3.057 | 21 34 48.1 | 20.048 | (220.) |
| 616 | 9 | 23 54 21.39 | 3.056 | 22 56 44.7 | 20.049 | (221.) B. |
| 617 | 10 | 23 54 44.09 | 3.058 | 23 3 26.6 | 20.049 | (221.) B. |
| 618 | 10 | 23 55 28.46 | 3.059 | 21 33 58.0 | 20.051 | (220.) |
| 619 | 10 | 23 55 37.09 | 3.061 | 21 36 25.8 | 20.051 | II. |
| 620 | 10 | 23 55 39.90 | 3.061 | 22 41 3.3 | 20.051 | (221.) B. R. |
| 621 | 10 | 23 55 41.60 | 3.061 | 22 44 24.1 | 20.051 | (221.) B. |
| 622 | 9 | 23 56 12.22 | 3.061 | 21 27 45.3 | 20.052 | (220) Ll. B. |
| 623 | 8. 9 | 23 56 38.76 | 3.064 | 21 44 1.6 | 20.053 | III. Ll. B. |
| 624 | 10 | 23 56 45 89 | 3.064 | 11 23 35.6 | 20.053 | (217.) |
| 625 | 8. 9 | 23 57 10.39 | 3.063 | 22 26 4.7 | 20.053 | IV. B. |
| 626 | 10 | 23 57 42.82 | 3.066 | 21 47 1.9 | 20.054 | (220.) |
| 627 | 9 | 23 59 4.35 | 3.068 | 22 39 29.9 | 20.055 | V. |
| 628 | 8. 9 | 23 59 19.88 | 3.068 | 22 0 37.0 | 20.055 | VI. B. |
| 629 | 9. 10 | 23 59 33.57 | 3.070 | 22 47 4.2 | 20.055 | (221.) B. |
| 630 | 10 | 23 59 40.87 | 3.070 | 22 36 12.2 | 20.055 | (220.) |

I. (219) +0.01 -0.6; (220) 0.00 +0.6. II. (219) -0.08 -3.0; (220) +0.08 +3.0. III. (219) -0.18 -0.5; (221) +0.19 +0.5. IV. (219) -0.40 -1.6; (221) +0.41 +1.6. V. (219) -0.26 +0.4; (220) +0.26 -0.4. VI. (217) -0.03 -0.3; (219) +0.07 +0.8; (221) -0.05 -0.4.

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# III. Stern-Verzeichniss

## Declination von -15° 0′ bis -21° 0′.

-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1 | 9 | 0 0 36.67 | + 3.070 | − 15 39 33.0 | + 20.055 | (345.) Ll. |
| 2 | 9. 10 | 0 1 56.35 | 3.068 | 15 0 41.9 | 20.054 | (345.) B. |
| 3 | 8. 9 | 0 7 0.96 | 3.059 | 15 38 15.0 | 20.045 | (345.) Ll. |
| 4 | 8 | 0 7 10.62 | 3.059 | 15 0 34.9 | 20.045 | (345.) Ll. B. |
| 5 | 10 | 0 7 54.99 | 3.058 | 15 3 23.0 | 20.042 | (345.) |
| 6 | 10 | 0 10 27.27 | 3.055 | 15 8 42.1 | 20.034 | (345.) |
| 7 | 10 | 0 11 45.69 | 3.050 | 15 39 55.0 | 20.028 | (345.) |
| 8 | 9 | 0 19 36.07 | 3.039 | 15 4 46.1 | 19.981 | (345.) B. |
| 9 | 9 | 0 21 39.43 | 3.034 | 15 53 29.5 | 19.965 | (345.) Ll. |
| 10 | 8 | 0 22 15.62 | 3.034 | 15 41 33.2 | 19.960 | (345.) Ll. R. |
| 11 | 10 | 0 22 25.03 | 3.035 | 15 15 12.4 | 19.959 | (345.) |
| 12 | 10 | 0 25 4.19 | 3.030 | 15 43 46.3 | 19.935 | (345.) |
| 13 | 10 | 0 26 9.08 | 3.030 | 15 9 36.4 | 19.924 | (345.) |
| 14 | 10 | 0 31 6.11 | 3.022 | 15 3 33.4 | 19.870 | (345.) |
| 15 | 10 | 0 43 14.84 | 3.001 | 15 39 15.9 | 19.698 | (345.) |
| 16 | 9 | 4 57 47.63 | 2.722 | 15 9 31.8 | 5.377 | (347.) B. |
| 17 | 9 | 5 1 25.22 | 2.717 | 15 17 38.1 | 5.071 | (347.) Ll. |
| 18 | 10 | 5 1 52.02 | 2.707 | 15 41 14.8 | 5.033 | (347.) |
| 19 | 10 | 5 3 47.08 | 2.701 | 15 53 55.7 | 4.870 | (347.) |
| 20 | 10 | 5 9 57.69 | 2.715 | 15 15 36.7 | 4.345 | (347.) |
| 21 | 10 | 5 10 47.08 | 2.711 | 15 22 52.2 | 4.275 | (347.) } Doppelst. |
| 22 | 9 | 5 10 48.50 | 2.711 | 15 23 3.2 | 4.274 | (347.) Ll. } Doppelst. |
| 23 | 10 | 5 17 2.55 | 2.713 | 15 14 29.0 | 3.737 | (347.) |
| 24 | 9 | 5 25 21.46 | 2.700 | 15 40 52.2 | 3.020 | (347.) Ll. |

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 25 | 10 | 5 25 42.61 | + 2.701 | - 15 30 17.2 | + 2.989 | (347.) |
| 26 | 9. 10 | 5 27 22.45 | 2.706 | 15 23 18.4 | 2.846 | (347.) Ll. |
| 27 | 8 | 5 28 42.05 | 2.695 | 15 50 20.5 | 2.731 | (347.) Ll. |
| 28 | 10 | 5 29 26.82 | 2.697 | 15 45 24.7 | 2.686 | (347.) Ll. |
| 29 | 9 | 5 34 5.86 | 2.711 | 15 8 1.3 | 2.261 | (347.) |
| 30 | 9. 10 | 5 34 14.39 | 2.703 | 15 27 35.8 | 2.250 | (347.) |
| 31 | 8. 9 | 5 34 49.48 | 2.705 | 15 24 53.9 | 2.199 | (347.) Ll. |
| 32 | 9 | 5 35 6.29 | 2.697 | 15 42 8.4 | 2.172 | (347.) Ll. |
| 33 | 10 | 5 35 13.54 | 2.698 | 15 36 7.3 | 2.163 | (347.) |
| 34 | 9 | 5 36 15.33 | 2.708 | 15 15 21.8 | 1.991 | (347.) Ll. |
| 35 | 10 | 5 36 23.32 | 2.708 | 15 13 28.8 | 1.980 | (347.) |
| 36 | 10 | 5 38 49.13 | 2.711 | 15 6 36.8 | 1.851 | (347.) Ll. B. |
| 37 | 10 | 5 38 53.36 | 2.710 | 15 8 56.9 | 1.846 | (347.) |
| 38 | 10 | 5 39 13.44 | 2.706 | 15 17 45.1 | 1.816 | (347.) |
| 39 | 10 | 5 39 51.40 | 2.713 | 15 2 20.1 | 1.761 | (347.) |
| 40 | 10 | 5 40 33.26 | 2.705 | 15 19 48.7 | 1.700 | (347.) |
| 41 | 9 | 5 40 44.30 | 2.706 | 15 18 30.6 | 1.689 | (347.) Ll. |
| 42 | 10 | 5 42 41.45 | 2.700 | 15 32 50.0 | 1.429 | (347.) |
| 43 | 10 | 5 45 52.61 | 2.708 | 15 11 19.3 | 1.234 | (347.) Ll. |
| 44 | 10 | 5 46 8.83 | 2.710 | 15 6 48.3 | 1.219 | (347.) B. |
| 45 | 8. 9 | 5 47 39.33 | 2.694 | 15 45 50.6 | 1.079 | (347.) Ll. |
| 46 | 10 | 5 49 0.29 | 2.708 | 15 12 42.3 | 0.982 | (347.) B. |
| 47 | 10 | 5 49 16.26 | 2.701 | 15 26 45.7 | 0.935 | (347.) |
| 48 | 9 | 5 49 24.28 | 2.699 | 15 32 51.9 | 0.927 | (347.) Ll. |
| 49 | 8. 9 | 5 50 54.20 | 2.702 | 15 25 31.2 | 0.796 | (347.) Ll. |
| 50 | 10 | 5 51 30.19 | 2.701 | 15 26 18.4 | 0.743 | (347.) |
| 51 | 9. 10 | 5 54 44.30 | 2.699 | 15 32 41.6 | 0.460 | (347.) Ll. |
| 52 | 8 | 5 54 54.34 | 2.697 | 15 35 37.7 | 0.445 | (347.) Ll. |
| 53 | 9 | 5 57 21.57 | 2.695 | 15 49 39.7 | 0.230 | (347.) |
| 54 | 10 | 5 59 50.35 | 2.709 | 15 7 12.7 | + 0.014 | (347.) B. |
| 55 | 10 | 6 0 42.10 | 2.706 | 15 14 46.1 | - 0.061 | (347.) |

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 56 | 10 | 6 1 3.80 | + 2.708 | - 15 10 54.4 | + 0.093 | (347.) |
| 57 | 9 | 6 2 22.88 | 2.695 | 15 40 46.3 | 0.208 | (347.) Ll. |
| 58 | 9. 10 | 6 6 14.68 | 2.708 | 15 10 55.9 | 0.546 | (347.) |
| 59 | 7. 8 | 6 6 22.24 | 2.704 | 15 20 45.2 | 0.556 | (347.) Ll. |
| 60 | 9. 10 | 6 6 37.58 | 2.710 | 15 6 37.9 | 0.580 | (347.) Ll. |
| 61 | 9. 10 | 6 6 38.92 | 2.702 | 15 24 52.3 | 0.581 | (347.) Ll. |
| 62 | 10 | 6 6 55.25 | 2.705 | 15 18 26.3 | 0.605 | (347.) Ll. |
| 63 | 10 | 6 9 1.95 | 2.704 | 15 20 41.1 | 0.790 | (347.) |
| 64 | 10 | 6 9 17.08 | 2.706 | 15 14 18.0 | 0.812 | (347.) |
| 65 | 9 | 6 9 44.21 | 2.711 | 15 4 31.8 | 0.852 | (347.) |
| 66 | 9. 10 | 6 10 3.33 | 2.701 | 15 27 26.6 | 0.879 | (347.) |
| 67 | 9. 10 | 6 13 2.45 | 2.713 | 15 0 23.0 | 1.139 | (347.) B. |
| 68 | 9 | 6 18 20.15 | 2.712 | 15 3 32.8 | 1.603 | (347.) Ll. B. |
| 69 | 9. 10 | 6 19 22.23 | 2.713 | 15 2 9.1 | 1.693 | (347.) |
| 70 | 9. 10 | 6 30 25.16 | 2.706 | 15 22 25.2 | 2.654 | (347.) |
| 71 | 9. 10 | 6 33 44.79 | 2.694 | 15 52 35.7 | 2.942 | (347.) |
| 72 | 9 | 6 39 20.96 | 2.705 | 15 29 8.4 | 3.426 | (347.) |
| 73 | 9 | 6 39 21.01 | 2.707 | 15 26 8.2 | 3.426 | (347.) |
| 74 | 9 | 6 40 29.95 | 2.695 | 15 54 21.3 | 3.525 | (347.) |
| 75 | 9. 10 | 6 24 34.83 | 2.714 | 15 9 57.7 | 3.618 | (347.) |
| 76 | 10 | 6 42 4.05 | 2.714 | 15 11 14.8 | 3.686 | (347.) |
| 77 | 10 | 6 42 23.04 | 2.714 | 15 12 27.9 | 3.687 | (347.) |
| 78 | 10 | 6 45 21.56 | 2.717 | 15 5 43.8 | 3.945 | (347.) |
| 79 | 9 | 7 56 23.71 | 2.738 | 15 52 55.0 | 9.753 | (354.) |
| 80 | 8. 9 | 7 57 6.93 | 2.738 | 15 55 25.2 | 9.808 | (354.) Ll. |
| 81 | 7 | 8 2 23.09 | 2.759 | 15 8 2.7 | 10.207 | (354.) Ll. B. |
| 82 | 9 | 8 3 10.09 | 2.757 | 15 15 44.1 | 10.265 | (354.) |
| 83 | 9. 10 | 8 4 5.75 | 2.753 | 15 28 23.6 | 10.335 | (254.) |
| 84 | 9 | 8 4 24.69 | 2.745 | 15 52 1.3 | 10.359 | (354.) |
| 85 | 9 | 8 5 11.39 | 2.760 | 15 12 34.7 | 10.416 | (354.) B. Doppelst. |
| 86 | 9 | 8 5 12.59 | 2.760 | 15 12 43.7 | 10.419 | (354.) B. Doppelst. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 87 | 6 | 8 6 26.51 | + 2.758 | - 15 20 19.1 | - 10.511 | (354.) Ll. |
| 88 | 9. 10 | 8 7 32.91 | 2.765 | 15 5 1.1 | 10.594 | (354.) |
| 89 | 9. 10 | 8 15 4.40 | 2.765 | 15 23 15.8 | 11.147 | (354.) |
| 90 | 9. 10 | 8 15 59.10 | 2.760 | 15 39 10.3 | 11.214 | (354.) |
| 91 | 9 | 8 17 6.14 | 2.768 | 15 18 55.2 | 11.294 | (354.) |
| 92 | 9 | 8 17 36.75 | 2.774 | 15 4 50.0 | 11.331 | (354.) Ll. |
| 93 | 9 | 8 22 6.59 | 2.779 | 15 1 51.2 | 11.654 | (354.) B. |
| 94 | 7 | 8 23 57.70 | 2.774 | 15 20 0.2 | 11.786 | (354.) Ll. |
| 95 | 9 | 8 24 9.51 | 2.771 | 15 30 3.5 | 11.800 | (354.) |
| 96 | 9 | 8 24 10.59 | 2.773 | 15 22 33.3 | 11.801 | (354.) |
| 97 | 9 | 8 26 47.08 | 2.765 | 15 53 12.9 | 11.984 | (354.) |
| 98 | 9 | 8 32 14.10 | 2.778 | 15 30 24.9 | 12.363 | (354.) Ll. |
| 99 | 5 | 8 24 46.07 | 2.783 | 15 24 24.3 | 12.537 | (354.) Ll. |
| 100 | 9. 10 | 8 35 21.84 | 2.782 | 15 30 24.6 | 12.578 | (354.) |
| 101 | 9 | 8 35 43.36 | 2.783 | 15 26 57.6 | 12.602 | (354.) |
| 102 | 8. 9 | 8 36 54.30 | 2.785 | 15 24 55.9 | 12.683 | (354.) |
| 103 | 9 | 8 40 26.88 | 2.791 | 15 14 36.7 | 12.920 | (354.) B. |
| 104 | 7 | 8 47 58.87 | 2.801 | 15 12 46.5 | 13.417 | (354.) Ll. B. |
| 105 | 9 | 8 48 22.42 | 2.793 | 15 34 40.2 | 13.442 | (354.) |
| 106 | 9 | 8 49 19.67 | 2.794 | 15 35 16.5 | 13.505 | (354.) |
| 107 | 6 | 8 51 41.77 | 2.798 | 15 33 43.1 | 13.658 | (354.) Ll. |
| 108 | 8 | 8 52 15.64 | 2.791 | 15 55 20.7 | 13.694 | (354.) Ll. |
| 109 | 9 | 8 57 20.52 | 2.808 | 15 19 11.2 | 14.016 | (354.) |
| 110 | 8. 9 | 8 59 20.42 | 2.807 | 15 31 10.9 | 14.140 | (354.) |
| 111 | 9 | 9 0 12.34 | 2.816 | 15 3 41.5 | 14.193 | (354.) B. |
| 112 | 6 | 9 1 43.34 | 2.808 | 15 40 10.7 | 14.286 | (354.) Ll. |
| 113 | 9 | 9 23 51.38 | 2.844 | 15 4 53.3 | 15.577 | (354.) Ll. B. |
| 114 | 9. 10 | 9 25 32.07 | 2.839 | 15 34 53.3 | 15.669 | (317.) |
| 115 | 9 | 9 26 56.98 | 2.848 | 15 1 10.7 | 15.746 | I. |
| 116 | 8 | 9 27 32.19 | 2.839 | 15 42 36.1 | 15.778 | (354.) |

l. (317) -0.27 +0.9; (354) +0.27 -1.0.



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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 117 | 9 | 9 28 14.20 | + 2.841 | - 15 36 26.1 | 15.815 | (354.) |
| 118 | 9 | 9 28 29.79 | 2.844 | 15 24 32.7 | 15.830 | I. |
| 119 | 8. 9 | 9 30 34.42 | 2.852 | 15 1 36.7 | 15.940 | II. Ll. B. |
| 120 | 9 | 9 31 15.37 | 2.852 | 15 5 44.5 | 15.977 | III. Ll. B. |
| 121 | 8 | 9 32 23.35 | 2.851 | 15 17 7.5 | 16.036 | IV. Ll. B. |
| 122 | 9. 10 | 9 33 11.26 | 2.846 | 15 40 8.0 | 16.079 | V. |
| 123 | 8. 9 | 9 36 11.57 | 2.850 | 15 38 31.9 | 16.235 | (354.) |
| 124 | 10 | 9 36 52.86 | 2.849 | 15 47 41.2 | 16.269 | VI. |
| 125 | 9. 10 | 9 37 43.10 | 2.855 | 15 30 48.7 | 16.312 | VII. Ll. |
| 126 | 10 | 9 37 47.38 | 2.853 | 15 37 21.8 | 16.316 | (317.) |
| 127 | 8. 9 | 9 39 3.33 | 2.851 | 15 53 54.0 | 16.380 | (354.) |
| 128 | 9 | 9 39 42.53 | 2.853 | 15 51 57.1 | 16.413 | (354.) |
| 129 | 10 | 9 40 54.43 | 2.866 | 15 2 23.7 | 16.473 | (317.) |
| 130 | 10 | 9 41 28.80 | 2.861 | 15 23 55.4 | 16.502 | (317.) |
| 131 | 9 | 9 41 38.55 | 2.857 | 15 44 45.3 | 16.510 | (354.) |
| 132 | 9 | 9 43 53.16 | 2.868 | 15 10 48.0 | 16.620 | (354.) Ll. B. |
| 133 | ? | 9 44 16.92 | 2.858 | 15 51 23.1 | 16.640 | (354.) Ll. |
| 134 | 8 | 9 44 50.69 | 2.860 | 15 49 46.2 | 16.668 | (354.) Ll. |
| 135 | 10 | 9 45 33.10 | 2.864 | 15 40 42.1 | 16.701 | (354.) Ll. |
| 136 | 9 | 9 45 41.49 | 2.870 | 15 12 17.4 | 16.708 | (354.) |
| 137 | 9 | 9 46 13.70 | 2.872 | 15 2 33.6 | 16.734 | VIII. Ll. |
| 138 | 10 | 9 47 12.12 | 2.870 | 15 19 47.8 | 16.781 | (317.) |
| 139 | 10 | 9 47 18.70 | 2.870 | 15 18 53.9 | 16.786 | (317.) |
| 140 | 8 | 9 47 50.28 | 2.869 | 15 29 11.9 | 16.811 | IX. |
| 141 | 10 | 9 48 44.53 | 2.877 | 15 0 8.4 | 16.854 | (318.) B. |
| 142 | 10 | 9 48 56.77 | 2.866 | 15 45 43.9 | 16.864 | (317.) |
| 143 | 10 | 9 49 24.61 | 2.875 | 15 10 4.2 | 16.868 | (317.) B. |

I. (317) -0.29 -3.1; (354) +0.30 +3.1. II. (317) -0.31 -0.2; (354) +0.32 +0.1; III. (317) -0.26 -0.7; (354) +0.26 +0.7. IV. (317) -0.25 -1.3; (354) +0.25 +1.2. V. (317) +0.14 -2.8; (354) -0.13 +2.7. VI. (317) -0.36 -1.1; (354) +0.37 +1.0. VII. (317) -0.13 +0.1; (354) +0.13 -0.2. VIII. (317) -0.19 -1.5; (354) +0.20 +1.5. IX. (317) -0.27 -2.4; (354) +0.27 +2.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 144 | 10 | 9 49 42.13 | + 2.875 | − 15 11 43.6 | + 16.890 | I. B. |
| 145 | 8 | 9 49 47.11 | 2.875 | 15 10 44.2 | 16.904 | (354.) B. |
| 146 | 8. 9 | 9 49 56.63 | 2.875 | 15 10 52.2 | 16.911 | II. B. |
| 147 | 10 | 9 49 59.72 | 2.875 | 15 10 14.5 | 16.913 | III. B. |
| 148 | 10 | 9 50 53.43 | 2.875 | 15 14 5.5 | 16.954 | IV. |
| 149 | 10 | 9 51 14.38 | 2.877 | 15 11 21.6 | 16.971 | V. |
| 150 | 8 | 9 51 57.13 | 2.877 | 15 17 45.9 | 17.005 | VI. Ll. |
| 151 | 10 | 9 52 29.24 | 2.874 | 15 31 40.4 | 17.029 | (317.) |
| 152 | 9 | 9 52 38.31 | 2.873 | 15 34 6.5 | 17.036 | VII. |
| 153 | 9. 10 | 9 53 12.00 | 2.873 | 15 34 28.1 | 17.063 | VIII. |
| 154 | 10 | 9 53 41.02 | 2.881 | 15 12 1.1 | 17.085 | IX. |
| 155 | 9 | 9 55 17.49 | 2.881 | 15 17 41.8 | 17.158 | (317.) |
| 156 | 8. 9 | 10 8 1.54 | 2.898 | 15 23 46.5 | 17.708 | (318.) |
| 157 | 10 | 10 9 23.09 | 2.902 | 15 7 21.5 | 17.764 | (318.) |
| 158 | 9 | 10 13 20.36 | 2.903 | 15 35 49.1 | 17.921 | (318.) |
| 159 | 9. 10 | 10 15 46.32 | 2.909 | 15 24 43.3 | 18.016 | (318.) |
| 160 | 9. 10 | 10 16 6.90 | 2.908 | 15 28 47.4 | 18.029 | (318.) |
| 161 | 9 | 10 18 39.61 | 2.908 | 15 52 40.6 | 18.126 | (318.) Ll. |
| 162 | 9 | 10 19 24.47 | 2.911 | 15 36 36.4 | 18.153 | (318.) |
| 163 | 9 | 10 20 32.47 | 2.919 | 15 9 13.9 | 18.195 | (318.) Ll. B. |
| 164 | 9. 10 | 10 21 13.73 | 2.917 | 15 23 27.4 | 18.220 | (318.) Ll. |
| 165 | 10 | 10 21 38.33 | 2.918 | 15 22 54.5 | 18.235 | (318.) |
| 166 | 9 | 10 22 55.08 | 2.914 | 15 54 24.5 | 18.281 | (318.) |
| 167 | 9. 10 | 10 25 45.09 | 2.927 | 15 2 46.8 | 18.381 | (318.) |
| 168 | 10 | 10 27 29.87 | 2.928 | 15 9 55.3 | 18.442 | (318.) |
| 169 | 10 | 10 28 0.87 | 2.926 | 15 27 55.9 | 18.461 | (318.) |
| 170 | 10 | 10 32 38.07 | 2.933 | 15 32 36.9 | 18.615 | (318.) Ll. |

I. (317) −0.02 +1.4; (318) +0.03 −1.5. II. (317) +0.11 −0.1; (318) −0.10 0.0. III. (317) −0.01 −0.8; (318) −0.26 −2.7; (354) +0.27 [+ 3.5]. IV. (317) +0.11 +0.9; (318) −0.10 −1.0. V. (317) +0.06 +0.9; (318) −0.05 −0.9. VI. (317) +0.10 +0.9; (318) −0.10 −0.9. VII. (317) 0.00 +0.9; (318) 0.00 −0.9. VIII. (317) +0.31 +0.4; (318) −0.30 −0.4. IX. (317) +0.31 −1.1; (318) −0.30 +1.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 171 | 9 | 10 32 47.72 | + 2.932 | - 15 35 15.0 | - 18.621 | (318.) Ll. |
| 172 | 3. 4 | 10 42 28.35 | 2.948 | 15 24 32.4 | 18.916 | (318.) |
| 173 | 10 | 10 44 15.66 | 2.954 | 15 3 8.1 | 18.969 | (318.) B. |
| 174 | 8 | 10 45 17.32 | 2.949 | 15 47 29.5 | 18.998 | (318.) Ll. |
| 175 | 9 | 10 45 36.79 | 2.952 | 15 35 11.2 | 19.007 | (318.) Ll. |
| 176 | 9 | 10 46 6.97 | 2.957 | 15 1 28.4 | 19.021 | (318.) B. |
| 177 | 10 | 10 47 36.20 | 2.947 | 16 40 12.9 | 19.062 | (282.) |
| 178 | 9 | 10 49 22.30 | 2.949 | 16 38 46.1 | 19.110 | (282.) Ll. |
| 179 | 10 | 10 49 31.26 | 2.941 | 17 41 32.6 | 19.113 | (282.) |
| 180 | 9. 10 | 10 50 10.51 | 2.944 | 17 30 15.8 | 19.130 | (282.) |
| 181 | 9 | 10 51 52.83 | 2.952 | 16 49 14.6 | 19.175 | (282.) Ll. |
| 182 | 8 | 10 52 6.21 | 2.962 | 15 32 58.4 | 19.180 | (318.) Ll. |
| 183 | 4 | 10 52 28.35 | 2.948 | 17 30 1.1 | 19.189 | (282.) Ll. |
| 184 | 10 | 10 52 30.90 | 2.955 | 16 30 50.9 | 19.190 | (282.) |
| 185 | 9. 10 | 10 56 6.49 | 2.971 | 15 5 16.1 | 19.280 | (318.) Ll. B. |
| 186 | 9 | 10 57 18.95 | 2.970 | 15 26 28 8 | 19.309 | (318.) Ll. |
| 187 | 9. 10 | 10 58 44.43 | 2.975 | 15 10 30.6 | 19.342 | (318.) Ll. B. |
| 188 | 9. 10 | 10 59 11.75 | 2.976 | 15 1 29.5 | 19.353 | (318.) Ll. |
| 189 | 10 | 10 59 58.31 | 2.965 | 16 58 22.6 | 19.370 | (282.) |
| 190 | 9 | 11 0 24.25 | 2.977 | 15 13 0.9 | 19.381 | (318.) |
| 191 | 8 | 11 0 49.55 | 2.978 | 15 8 50.8 | 19.390 | (318.) |
| 192 | 10 | 11 1 2.16 | 2.965 | 17 18 12.2 | 19.395 | (282.) |
| 193 | 10 | 11 2 41.35 | 2.971 | 16 45 12.8 | 19.431 | (282.) |
| 194 | 9 | 11 3 8.68 | 2 978 | 15 38 22.0 | 19.442 | (318.) |
| 195 | 10 | 11 3 27.84 | 2.971 | 16 52 47.9 | 19.447 | (282.) |
| 196 | 10 | 11 4 9.52 | 2.966 | 17 50 20.0 | 19.462 | (282.) |
| 197 | 7 | 11 5 4.49 | 2.970 | 17 37 7.2 | 19.482 | (282.) Ll. |
| 198 | 9. 10 | 11 5 11.92 | 2.969 | 17 41 1.0 | 19.484 | (282.) |
| 199 | 10 | 11 5 47.50 | 2.973 | 17 20 31.3 | 19.496 | (282.) |
| 200 | 8. 9 | 11 6 42.98 | 2.982 | 16 4 22.7 | 19.515 | (282.) |
| 201 | 10 | 11 7 13.33 | 2.981 | 16 21 44.4 | 19.525 | (282.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 202 | 10 | 11 7 55.28 | + 2.980 | +16 40 33.0 | - 19.539 | (282) |
| 203 | 10 | 11 8 10.88 | 2.987 | 15 31 52.5 | 19.544 | (318.) Ll. |
| 204 | 8. 9 | 11 8 12.36 | 2.987 | 15 31 58.5 | 19.545 | (318.) Ll. |
| 205 | 10 | 11 10 39.70 | 2.985 | 16 45 31.6 | 19.592 | (282.) |
| 206 | 10 | 11 12 22.81 | 2.985 | 17 5 7.8 | 19.623 | (282.) |
| 207 | 9 | 11 15 12.47 | 2.999 | 15 20 35.1 | 19.673 | (318.) Ll. B. |
| 208 | 9. 10 | 11 16 2.46 | 2.993 | 16 47 54.5 | 19.687 | (282.) Ll. |
| 209 | 6 | 11 17 23.52 | 2.995 | 16 52 41.3 | 19.710 | (282.) Ll. R. |
| 210 | 10 | 11 18 8.63 | 2.998 | 16 35 32.9 | 19.723 | (282.) |
| 211 | 10 | 11 18 48.70 | 2.997 | 17 16 17.6 | 19.734 | (282.) |
| 212 | 10 | 11 19 43.02 | 2.997 | 17 26 38.6 | 19.746 | (282.) |
| 213 | 9. 10 | 11 19 54.78 | 2.996 | 17 41 40.9 | 19.749 | (282.) |
| 214 | 10 | 11 20 16.71 | 2.998 | 17 19 39.0 | 19.754 | (282.) Ll. |
| 215 | 8 | 11 20 41.40 | 3.010 | 15 3 42.2 | 19.760 | (318.) Ll. B. |
| 216 | 10 | 11 20 44.89 | 2.997 | 17 49 2.7 | 19.761 | (282.) |
| 217 | 10 | 11 20 51.60 | 2.999 | 17 33 10.3 | 19.763 | (282.) |
| 218 | 10 | 11 22 11.65 | 3.001 | 17 35 16.6 | 19.783 | (282.) |
| 219 | 9. 10 | 11 22 26.16 | 3.003 | 16 56 33.2 | 19.786 | (282.) Ll. |
| 220 | 9. 10 | 11 22 28.53 | 3.003 | 17 3 30.8 | 19.787 | (282.) Ll. |
| 221 | 10 | 11 22 51.43 | 3.005 | 16 56 5.2 | 19.792 | (282.) |
| 222 | 10 | 11 24 11.92 | 3.008 | 16 43 42.3 | 19.810 | (282.) |
| 223 | 8 | 11 26 41.41 | 3.017 | 15 26 57.5 | 19.843 | (318.) |
| 224 | 8. 9 | 11 27 30.26 | 3.019 | 15 13 0.2 | 19.853 | (318.) |
| 225 | 9 | 11 27 33.14 | 3.018 | 15 34 20.8 | 19.854 | (318.) |
| 226 | 10 | 11 28 11.59 | 3.014 | 17 5 53.6 | 19.861 | (282.) |
| 227 | 8. 9 | 11 28 56.68 | 3.019 | 16 1 3.9 | 19.870 | (282.) Ll. |
| 228 | 9 | 11 30 32.46 | 3.016 | 17 21 43 2 | 19.889 | (282.) Ll. |
| 229 | 8 | 11 33 34.68 | 3.024 | 16 52 19.8 | 19.922 | (282.) Ll. |
| 230 | 9 | 11 34 43.53 | 3.028 | 16 11 10.3 | 19.934 | (282.) |
| 231 | 10 | 11 35 9.60 | 3.025 | 17 37 21.9 | 19.938 | (282.) |
| 232 | 10 | 11 36 19.05 | 3.026 | 17 43 47.6 | 19.948 | (282.) |

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 233 | ? | 11 37 9.98 | + 3.028 | - 17 31 0.5 | - 19.955 | (282.) Ll. R. |
| 234 | 8. 9. | 13 45 7.27 | 3.232 | 15 15 15.9 | 17.982 | (357.) Ll. B. |
| 235 | 10 | 13 45 37.37 | 3.232 | 15 12 4.8 | 17.962 | (357.) |
| 236 | 9 | 13 47 29.89 | 3.236 | 15 24 17.0 | 17.888 | (357.) Ll. |
| 237 | 9. 10 | 13 47 37.63 | 3.236 | 15 19 24.8 | 17.883 | (357.) Ll. B. |
| 238 | 9. 10 | 13 48 21.89 | 3.238 | 15 27 35.0 | 17.855 | (357.) |
| 239 | 9 | 13 49 36.22 | 3.238 | 15 19 56.5 | 17.805 | (357.) B. |
| 240 | 9 | 13 50 38.98 | 3.238 | 15 10 15.5 | 17.763 | (357.) B. |
| 241 | 9 | 13 54 26.88 | 3.244 | 15 9 54.1 | 17.614 | (357.) B. |
| 242 | 8 | 13 59 40.34 | 3.255 | 15 28 21.0 | 17.383 | (357.) Ll. |
| 243 | 9. 10 | 14 0 10.51 | 3.260 | 15 51 24.4 | 17.360 | (357.) |
| 244 | 10 | 14 4 22.91 | 3.257 | 15 9 43.1 | 17.173 | (357.) |
| 245 | 9 | 14 4 48.01 | 3.261 | 15 20 34.3 | 17.154 | (357.) |
| 246 | 9. 10 | 14 5 13.40 | 3.265 | 15 39 7.6 | 17.135 | (357.) |
| 247 | 10 | 14 6 1.21 | 3.277 | 15 46 18.7 | 17.098 | (357.) |
| 248 | 10 | 14 8 33.21 | 3.265 | 15 21 4.9 | 16.981 | (357.) |
| 249 | 8. 9 | 14 8 47.00 | 3.271 | 15 44 23.4 | 16.969 | (357.) |
| 250 | 9 | 14 9 37.13 | 3.266 | 15 19 33.7 | 16.930 | (357.) |
| 251 | 10 | 14 10 55.94 | 3.265 | 15 3 2.3 | 16.869 | (357.) |
| 252 | 9. 10 | 14 13 22.18 | 3.275 | 15 33 48.1 | 16.753 | (357.) |
| 253 | 10 | 14 14 23.19 | 3.269 | 15 3 15.9 | 16.705 | (357.) |
| 254 | 7. 8 | 14 15 44.94 | 3.276 | 15 25 2.1 | 16.638 | (357.) Ll. |
| 255 | 8. 9 | 14 17 43.11 | 3.281 | 15 37 4.2 | 16.542 | (357.) Ll. |
| 256 | 8 | 14 19 12.29 | 3.277 | 15 8 8.4 | 16.472 | (357.) Ll. B. |
| 257 | 10 | 14 19 58.22 | 3.282 | 15 26 1.7 | 16.430 | (357.) |
| 258 | 9. 10 | 14 20 15.36 | 3.285 | 15 37 51.9 | 16.416 | (357.) |
| 259 | 9 | 14 25 37.83 | 3.283 | 15 1 58.9 | 16.141 | (357.) |
| 260 | 9 | 14 28 25.12 | 3.298 | 15 46 49.1 | 15.995 | (357.) |
| 261 | 8 | 14 28 57.12 | 3.300 | 15 52 46.1 | 15.967 | (357.) |
| 262 | 8 | 14 30 8.03 | 3.302 | 15 53 19.9 | 15.905 | (357.) |
| 263 | 9 | 14 30 22.21 | 3.302 | 15 51 17.9 | 15.891 | (357.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 264 | 7 | 14 32 15.35 | + 3.299 | - 15 33 26.9 | - 17.541 | I. Ll. |
| 265 | 9 | 14 32 47.65 | 3.295 | 15 13 18.7 | 17.549 | (357.) |
| 266 | 10 | 14 34 9.43 | 3.202 | 15 33 34.0 | 17.550 | (357.) |
| 267 | 9 | 14 35 56.75 | 3.297 | 15 4 57.2 | 17.552 | (357.) |
| 268 | 9 | 14 38 43.94 | 3.312 | 15 50 20.7 | 17.552 | (357.) |
| 269 | ? | 14 42 44.86 | 3.313 | 15 34 51.7 | 17.557 | (388.) |
| 270 | 8 | 14 46 11.07 | 3.320 | 15 46 35.5 | 17.559 | (357.) Ll. |
| 271 | 9. 10 | 14 47 43.34 | 3.311 | 15 3 42.7 | 17.562 | (388.) Ll. B. |
| 272 | 10 | 14 48 24.18 | 3.310 | 15 1 21.5 | 17.565 | (388.) Ll. |
| 273 | 8 | 14 48 39.34 | 3.322 | 15 42 7.1 | 17.593 | (357.) Ll. |
| 274 | 8 | 14 48 47.06 | 3.326 | 15 54 24.3 | 17.598 | (357.) Ll. |
| 275 | 8 | 14 49 18.78 | 3.325 | 15 48 9.1 | 17.599 | (357.) Ll. |
| 276 | 9 | 14 49 53.13 | 3.327 | 15 52 50.6 | 17.601 | II. |
| 277 | 8 | 14 50 29 77 | 3.327 | 15 50 39.0 | 17.622 | (357.) |
| 278 | 8 | 14 51 29.77 | 3.317 | 15 11 24.0 | 17.628 | (357.) B. |
| 279 | 9 | 14 53 13.61 | 3.321 | 15 20 6.0 | 17.639 | III. Ll. |
| 280 | 7 | 14 58 15.53 | 3.333 | 15 40 15.8 | 17.643 | (388.) Ll. |
| 281 | 7 | 14 58 26.79 | 3.388 | 15 53 56.4 | 17.647 | (388.) Ll. |
| 282 | 10 | 14 59 6.89 | 3 338 | 15 53 15.1 | 17.649 | (388.) |
| 283 | 9 | 15 1 32.20 | 3.327 | 15 7 47.3 | 17.650 | (324.) Ll. B. |
| 284 | 9. 10 | 15 2 0.92 | 3.340 | 15 39 15.4 | 17.660 | (388.) |
| 285 | 7 | 15 3 27.11 | 3.338 | 15 35 14.6 | 17.664 | IV. Ll. |
| 286 | 9 | 15 3 57.19 | 3.343 | 15 50 25.7 | 17.670 | (388.) Ll. |
| 287 | 8 | 15 4 4.47 | 3.331 | 15 8 46.1 | 17.671 | (389.) Ll. B. |
| 288 | 9 | 15 6 4.54 | 3.338 | 15 26 19.5 | 17.703 | V. |
| 289 | 9. 10 | 15 8 12.09 | 3.350 | 15 58 7.9 | 17.718 | (324.) |
| 290 | 9 | 15 8 39.41 | 2.867 | 15 1 15.5 | 2.847 | (324.) B. |
| 291 | 9 | 15 18 41.39 | 2.847 | 15 15 4.4 | 2.830 | (324.) Ll. |

I. (357) +0.47 -1.4; (388) -0.46 +1.4. II. (357) +0.54 -1.6; (388) -0.54 +1.5. III. (357) +0.42 -0.9; (388) -0.41 +0.9. IV. (388) -0.03 -0.3; (389) +0.04 +0.3. V. (388) +0.06 -0.8; (389) -0.05 +0.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 292 | 8 | 15 20 14.69 | + 3.348 | - 15 10 39.9 | - 12.874 | (324.) Ll. |
| 293 | 7. 8 | 15 22 39.92 | 3.354 | 15 19 43.8 | 12.712 | I. Ll. B. |
| 294 | 10 | 15 22 53.29 | 3.353 | 15 14 52.3 | 12.696 | (389.) B. |
| 295 | 9. 10 | 15 24 14.01 | 3.351 | 15 5 55.9 | 12.605 | II. |
| 296 | 9. 10 | 15 25 50.89 | 3.365 | 15 42 23.0 | 12.495 | (388.) |
| 297 | 8 | 15 28 29.50 | 3.353 | 15 0 41.9 | 12.312 | (389.) Ll. B. |
| 298 | 8 | 15 33 14.78 | 3.359 | 15 4 14.5 | 11.981 | (389.) B. |
| 299 | 6. 7 | 15 34 20.32 | 3.369 | 15 31 29.6 | 11.095 | (389.) Ll. |
| 300 | 8 | 15 35 49.99 | 3.368 | 15 25 27.9 | 11.800 | (389.) Ll. |
| 301 | 10 | 15 36 38.04 | 3.367 | 15 17 49.9 | 11.742 | (389.) R. |
| 302 | 10 | 15 39 41.51 | 3.372 | 15 24 24.6 | 11.525 | (388.) |
| 303 | 9 | 15 40 5.54 | 3.365 | 15 4 12.7 | 11.496 | (389.) |
| 304 | 10 | 15 40 7.30 | 3.370 | 15 17 18.2 | 11.493 | (388.) |
| 305 | 9. 10 | 15 41 29.11 | 3.375 | 15 30 32.9 | 11.396 | (389.) |
| 306 | 10 | 15 42 20.11 | 3.377 | 15 31 38.8 | 11.335 | 389.) |
| 307 | 9. 10 | 15 45 42.56 | 3.373 | 15 12 48.3 | 11.089 | III. B. |
| 308 | 9 | 15 46 28.66 | 3.390 | 16 — — | 11.035 | (389.) |
| 309 | 9. 10 | 15 49 47.28 | 3.373 | 15 2 23.1 | 10.790 | (388.) |
| 310 | 6. 7 | 15 49 47.60 | 3.348 | 13 50 31.7 | 10.790 | (389.) |
| 311 | 10 | 15 51 46.53 | 3.389 | 15 43 51.2 | 10.644 | (389.) |
| 312 | 10 | 15 52 52.29 | 3.379 | 15 11 0.3 | 10.561 | (388.) |
| 313 | 10 | 15 54 8.44 | 3.377 | 15 3 55.8 | 10.467 | (389.) |
| 314 | 9 | 15 57 37.96 | 3.380 | 15 3 25.5 | 10.205 | (325.) B. |
| 315 | 9 | 15 57 37.73 | 3.380 | 15 3 24.4 | 10.205 | (389.) B. |
| 316 | 8. 9 | 15 59 10.99 | 3.385 | 15 13 58.4 | 10.089 | (325.) |
| 317 | 9 | 16 0 10.94 | 3.396 | 15 41 21.7 | 10.013 | (325.) |
| 318 | 9. 10 | 16 4 54 66 | 3.393 | 15 23 5.5 | 9.653 | IV. |
| 319 | 10 | 16 5 55.95 | 3.392 | 15 19 8.6 | 9.574 | (325.) |
| 320 | 10 | 16 5 59.17 | 3.393 | 15 21 23.5 | 9.570 | (325.) |

I. (388) -0.05 -5.3; (389) +0.05 +5.3. II. (388) +0.03 -0.3; (389) -0.04 +0.3.
III. (388) +0.03 -0.9; (389) -0.02 +0.8. IV. (325) -0.01 +1.7; (388) +0.01 -1.7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 321 | 8. 9 | 16 7 16.93 | + 3.391 | - 15 12 46.4 | - 9.470 | (388.) Ll. B. |
| 322 | 10 | 16 8 56.06 | 3.389 | 15 4 7.3 | 9.343 | (325.) |
| 323 | 10 | 16 9 26.93 | 3.392 | 15 10 53.3 | 9.304 | (325.) |
| 324 | 9 | 16 10 54.62 | 3.393 | 15 10 37.9 | 9.190 | (325.) |
| 325 | 10 | 16 11 1.42 | 3.393 | 15 10 44.8 | 9.180 | (325.) |
| 326 | 8. 9 | 16 17 2.15 | 3.410 | 15 44 8.7 | 8.709 | (389.) |
| 327 | 7 | 16 19 42.22 | 3.415 | 15 52 16.8 | 8.497 | I. Ll. |
| 328 | 7. 8 | 16 24 5.13 | 3.413 | 15 39 23.8 | 8.151 | II. Ll. |
| 329 | 9. 10 | 16 25 8.99 | 3.415 | 15 42 0.2 | 8.065 | III. |
| 330 | 9 | 16 26 46.94 | 3.420 | 15 54 47.3 | 7.935 | (325.) Ll. |
| 331 | 10 | 16 27 27.53 | 3.402 | 15 6 11.1 | 7.879 | (389.) |
| 332 | 9 | 16 31 58.45 | 3.411 | 15 21 14.9 | 7.514 | IV. |
| 333 | 9. 10 | 16 32 9.93 | 3.409 | 15 15 55.7 | 7.499 | (325.) |
| 334 | 8. 9 | 16 32 31.01 | 3.404 | 15 3 30.0 | 7.471 | V. B. |
| 335 | 10 | 16 35 24.03 | 3.405 | 15 1 15.3 | 7.237 | (325.) |
| 336 | 9 | 16 37 39.95 | 3.415 | 15 24 15.1 | 7.050 | (325.) |
| 337 | 10 | 16 37 49.55 | 3.411 | 15 13 34.0 | 7.037 | (389.) |
| 338 | 9. 10 | 16 38 51.41 | 3.415 | 15 21 43.6 | 6.952 | VI. |
| 339 | 9. 10 | 16 39 5.14 | 3.417 | 15 26 33.8 | 6.935 | (325.) |
| 340 | 8 | 16 39 26.31 | 3.423 | 15 41 12.5 | 6.905 | VII. Ll. |
| 341 | 7. 8 | 16 39 42.44 | 3.409 | 15 5 17.1 | 6.883 | VIII. Ll. B. |
| 342 | 7. 8 | 16 40 53.83 | 3.417 | 15 24 1.8 | 6.785 | IX. Ll. |
| 343 | 9 | 16 41 30.34 | 3.412 | 15 9 42.4 | 6.737 | X. Ll. B. |
| 344 | 10 | 16 43 40.04 | 3.423 | 15 37 24.6 | 6.556 | (325.) |

I. (364) +0.35 -1.0; (388) -0.29 -1.0; (389) -0.05 +2.0. II. (355) +0.12 -0.8; (388) -0.07 +1.3; (389) -0.05 -0.6. III. (325) +0.07 +1.2; (388) -0.05 -1.1; (389) -0.03 0.0. IV. (325) +0.19 -2.0; (363) -0.50 -2.8; (389) +0.30 +4.8. V. (325) +0.10 -1.3; (364) -0.06 -2.3; (389) -0.05 +3.7. VI. (325) -0.08 +4.8; (389) +0.01 -1.7; (390) +0.08 -3.2. VII. (325) +0.17 +0.5; (364) -0.17 -0.6; VIII. (363) +0.61 —; (389) -0.29 +1.9; (390) -0.32 -2.0. IX. (325) +0.01 +0.7; (363) +0.22 +0.6; (364) -0.05 -1.5; (389) -0.10 +0.8; (390) -0.08 +0.7. X. (325) +0.07 +0.8; (390) -0.06 -0.8.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 345 | 9. 10 | 16 44 5.04 | + 3.430 | - 15 53 12.9 | - 6.522 | (325.) |
| 446 | 10 | 16 46 51.16 | 3.429 | 15 47 27.3 | 6.293 | (389.) |
| 347 | 9 | 16 47 43.03 | 3.413 | 15 6 46.6 | 6.220 | I. B. |
| 348 | 8. 9 | 16 47 53.04 | 3.417 | 15 14 30.8 | 6.207 | II. B. |
| 349 | 9 | 16 48 5.30 | 3.428 | 15 42 0.3 | 6.189 | (364.) |
| 350 | 9 | 16 48 15.27 | 3.516 | 19 17 49.5 | 6.176 | (396.) Ll. R. |
| 351 | 9 .10 | 16 48 19.90 | 3.418 | 15 17 12.6 | 6.169 | (325.) |
| 352 | 10 | 16 49 7.04 | 3.425 | 15 34 19.8 | 6.104 | (325.) |
| 353 | 8 | 16 50 23.03 | 3.426 | 15 34 27.4 | 5.599 | (325.) Ll. |
| 354 | 7 | 16 50 47.32 | 3.432 | 15 49 47.3 | 5.965 | (748.) Ll R. |
| 355 | 10 | 16 50 54.44 | 3.426 | 15 33 26.3 | 5.954 | (325.) |
| 356 | 8 | 16 51 0.57 | 3.486 | 18 0 32.1 | 5.946 | (396.) R. |
| 357 | 9 | 16 51 25.58 | 3.435 | 15 54 2.9 | 5.911 | III. |
| 358 | 9 | 16 51 30.53 | 3.485 | 17 58 58.9 | 5.904 | (396.) |
| 359 | 9 | 16 52 11.76 | 3.424 | 15 26 57.0 | 5.846 | IV. |
| 360 | 7. 8 | 16 53 4.88 | 3.503 | 18 39 32.8 | 5.773 | (396.) R. |
| 361 | 10 | 16 53 28.27 | 3.422 | 15 21 18.8 | 5.741 | (389.) |
| 362 | 9 | 16 54 27.25 | 3.536 | 19 56 28.3 | 5.658 | (396.) |
| 363 | 8. 9 | 16 55 4.20 | 3.430 | 15 38 53.7 | 5.606 | V. Ll. |
| 364 | 9 | 16 55 43.03 | 3.486 | 17 55 20.0 | 5.552 | (396.) Ll. |
| 365 | 9. 10 | 16 57 4.34 | 3.486 | 17 54 15.6 | 5.438 | (396.) Ll. |
| 366 | 7. 8 | 16 58 38.19 | 3.517 | 19 4 47.8 | 5.306 | (396.) Ll. |
| 367 | 9. 10 | 16 58 56.18 | 3.515 | 18 59 55.3 | 5.281 | (396.) Ll. |
| 368 | 8. 9 | 16 59 9.05 | 3.438 | 15 53 13.4 | 5.262 | VI. |
| 369 | 9 | 16 59 20.46 | 3.429 | 15 34 6.5 | 5.245 | (389.) |
| 370 | 9. 10 | 16 59 42.54 | 3.489 | 17 57 0.4 | 5.214 | (396.) Ll. |
| 371 | 10 | 17 0 22.74 | 3.491 | 18 3 18.8 | 5.158 | (396.) |

**I.** (325) -0.23 +1.0; (363) +0.07 +0.5; (390) +0.17 -1.5. **II.** (325) -0.14 +1.1; (391) +0.14 -1 1. **III.** (389) -0.40 0.0; (391) +0.41 —. **IV.** (363) -0.03 +0.8; (391) +0.04 -0.8. **V.** (363) -0.11 —; (364) -0.12 -5.7; (748) +0.23 +5.6. **VI.** (389) +0.18 -0.2; (390) -0.18 +0.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 372 | 9 | 17 0 39.34 | + 3.419 | - 15 7 3.0 | - 5.134 | I. Ll. R. |
| 373 | - 9 | 17 0 49.88 | 3.417 | 15 0 16.5 | 5.121 | (389.) |
| 374 | 8. 9 | 17 1 25.41 | 3.522 | 19 14 24.3 | 5.071 | (396.) |
| 375 | 3 | 17 1 46.55 | 3.430 | 15 32 2.5 | 5.040 | II. Ll. R. |
| 376 | 9. 10 | 17 3 57.43 | 3.428 | 15 25 5.4 | 4.855 | (364.) |
| 377 | 7. 8 | 17 5 1.82 | 3.427 | 15 22 34.0 | 4.764 | III. Ll. R. |
| 378 | 7. 8 | 17 9 40.88 | 3.448 | 16 8 45.3 | 4.369 | (393.) Ll. |
| 379 | 9 | 17 11 9.09 | 3.521 | 19 49 5.1 | 4.245 | (396.) |
| 380 | 9. 10 | 17 11 14.87 | 3.448 | 16 5 54.8 | 4.235 | (393.) |
| 381 | 8 | 17 11 46.16 | 3.525 | 19 10 4.1 | 4.191 | (396.) Ll. |
| 382 | 10 | 17 12 0.51 | 3.428 | 15 17 39.1 | 4.169 | (364.) |
| 383 | 10 | 17 12 13.53 | 3.425 | 15 10 20.0 | 4.150 | (390.) |
| 384 | 9 | 17 12 37.25 | 3.433 | 15 31 3.1 | 4.117 | IV. |
| 385 | 8 | 17 13 19.71 | 3.472 | 17 3 58.2 | 4.056 | (393.) |
| 386 | 10 | 17 13 38.73 | 3.440 | 15 46 30.0 | 4.029 | (364.) |
| 387 | 8 | 17 13 40.19 | 3.476 | 17 11 15.6 | 4.028 | (393.) |
| 388 | 9 | 17 13 43.46 | 3.533 | 19 27 25.0 | 4.024 | (396.) |
| 389 | 7. 8 | 17 14 58.15 | 3.444 | 15 53 22.4 | 3.916 | (393.) Ll. R. |
| 390 | 7 | 17 14 58.39 | 3.444 | 15 53 22.8 | 3.914 | V. Ll. |
| 391 | 9 | 17 16 9.56 | 3.447 | 16 0 44.6 | 3.813 | (393.) |
| 392 | 10 | 17 16 23.64 | 3.427 | 15 12 39.3 | 3.792 | VI. |
| 393 | 10 | 17 17 6.02 | 3.425 | 15 7 13.3 | 3.733 | (390.) |
| 394 | 7. 8 | 17 17 30.72 | 3.471 | 16 56 34.0 | 3.696 | (393.) Ll. |
| 395 | 8 | 17 18 25.76 | 3.446 | 15 57 32.2 | 3.617 | (393.) |
| 396 | 8 | 17 18 32.66 | 3.440 | 15 43 4.7 | 3.607 | (390.) Ll. |
| 397 | 9 | 17 18 48.30 | 3.503 | 18 12 37.4 | 3.586 | (394.) Ll. |

**I.** (363) +0.06 -1.5; (364) +0.03 -2.0; (389) -0.20 +0.2; (390) -0.19 +1.9; (391) +0.31 +1.5. **II.** (364) +0.04 -0.9; (390) -0.12 +0.1; (391) +0.07 +0.9. **III.** (364) -0.14 +0.6; (391) +0.15 -0.6. **IV.** (364) +0.18 -1.4; (391) -0.18 +1.3. **V.** (364) +0.18 -0.2; (390) -0.26 +0.2; (391) -0.12 —. **VI.** (390) -0.23 +2.8; (391) +0.23 -2.8.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 398 | 9 | 17 19 37.40 | + 3.437 | − 15 34 33.5 | − 3.514 | I. |
| 399 | 9. 10 | 17 19 49.38 | 3.502 | 18 9 56.1 | 3.498 | (394.) |
| 400 | 8 | 17 19 51.65 | 3.495 | 17 51 54.2 | 3.493 | (393.) Ll. |
| 401 | 8. 9 | 17 20 36.54 | 3.398 | 13 57 8.5 | 3.429 | II. |
| 402 | 8. 9 | 17 20 52.13 | 3.446 | 15 54 36.6 | 3.407 | (363.) Ll. |
| 403 | 8 | 17 20 56.67 | 3.491 | 17 42 17.4 | 3.400 | (393.) Ll. |
| 404 | 8. 9 | 17 21 16.17 | 3.446 | 15 53 31.6 | 3.373 | (395.) Ll. |
| 405 | 8 | 17 21 21.30 | 3.443 | 15 47 12.9 | 3.364 | (364.) Ll. |
| 406 | 10 | 17 21 47.38 | 3.436 | 19 26 1.8 | 3.326 | (394.) |
| 407 | 7 | 17 21 52.06 | 3.436 | 15 30 39.2 | 3.321 | (391.) Ll. |
| 408 | 8. 9 | 17 21 55.75 | 3.493 | 17 45 23.4 | 3.315 | (393.) |
| 409 | 8 | 17 22 11.16 | 3.431 | 15 18 59.5 | 3.294 | (391.) Ll. |
| 410 | 9. 10 | 17 22 12.23 | 3.445 | 15 51 52.7 | 3.291 | (364.) |
| 411 | 9 | 17 22 31.12 | 3.474 | 17 1 21.2 | 3.265 | (395.) |
| 412 | 7 | 17 24 15.31 | 3.483 | 17 22 53.0 | 3.116 | III. Ll. |
| 413 | 9 | 17 24 35.68 | 3.450 | 16 2 14.4 | 3.085 | (393.) |
| 414 | 8 | 17 24 40.45 | 3.505 | 18 12 34.5 | 3.078 | (394.) Ll. |
| 415 | 8 | 17 25 14.47 | 3.493 | 17 43 28.8 | 3.029 | (393.) Ll. |
| 416 | 9. 10 | 17 25 19.04 | 3.531 | 19 13 49.1 | 3.023 | (394.) |
| 417 | 7. 8 | 17 25 47.34 | 3.502 | 18 6 40.9 | 2.983 | (394.) Ll. |
| 418 | 8. 9 | 17 26 27.76 | 3.452 | 16 5 33.3 | 2.923 | (393.) |
| 419 | 10 | 17 26 30.66 | 3.499 | 17 58 17.4 | 2.920 | (394.) |
| 420 | 9 | 17 26 52.71 | 3.443 | 15 43 35.1 | 2.888 | (363.) |
| 421 | 7. 8 | 17 27 28.57 | 3.494 | 17 45 27.5 | 2.836 | (393.) Ll. |
| 422 | 10 | 17 28 10.90 | 3.502 | 18 5 1.4 | 2.776 | (394.) |
| 423 | 9 | 17 28 51.43 | 3.448 | 15 54 14.0 | 2.716 | (393.) |
| 424 | 8 | 17 28 54.25 | 3.494 | 17 43 47.2 | 2.713 | (393.) Ll. |
| 425 | 5 | 17 29 0.28 | 3.433 | 15 17 55.4 | 2.704 | (364.) B. |
| 426 | 8. 9 | 17 29 3.71 | 3.438 | 15 28 24.9 | 2.699 | (363.) |

I. (364) +0.25 +4.1; (391) −0.25 −4.2. II. (390) −0.15 −2.0; (391) +0.15 +2.0.
III. (393) +0.05 −4.6; (395) −0.05 +4.6.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 427 | 8. 9 | 17 29 50.58 | + 3.450 | - 15 57 51.3 | - 2.632 | (393.) |
| 428 | 9. 10 | 17 30 0.08 | 3.539 | 19 26 38.5 | 2.618 | (394.) Ll. |
| 429 | 10 | 17 31 56.98 | 3.437 | 15 26 29.5 | 2.449 | I. |
| 430 | 9 | 17 31 57.60 | 3.502 | 17 59 51.5 | 2.447 | (394.) |
| 431 | 10 | 17 32 33.36 | 3.498 | 17 52 24.1 | 2.397 | (394.) |
| 432 | 9 | 17 32 49.50 | 3.489 | 17 30 29.7 | 2.372 | (393.) |
| 433 | 10 | 17 32 53.30 | 3.431 | 15 12 21.0 | 2.368 | (328.) B. |
| 434 | 8 | 17 33 24.97 | 3.476 | 16 58 13.3 | 2.321 | (395.) |
| 435 | 10 | 17 33 36.57 | 3.443 | 15 38 38.4 | 2.304 | II. Ll. |
| 436 | 10 | 17 33 49.17 | 3.549 | 19 49 36.1 | 2.286 | (394.) |
| 437 | 8. 9 | 17 33 50.96 | 3.449 | 15 54 49.3 | 2.284 | (393.) |
| 438 | 8 | 17 34 3.49 | 3.439 | 15 28 47.1 | 2.264 | III. Ll. |
| 439 | 10 | 17 34 19.35 | 3.448 | 15 52 53.8 | 2.241 | (328.) |
| 440 | 8. 9 | 17 34 51.38 | 3.470 | 16 44 20.9 | 2.196 | (395.) Ll. |
| 441 | 7. 8 | 17 35 23.80 | 3.494 | 17 40 9.8 | 2.148 | (393.) Ll. |
| 442 | 7 | 17 35 33.05 | 3.486 | 17 21 47.6 | 2.135 | (393.) Ll. |
| 443 | 7 | 17 35 38.32 | 3.472 | 16 47 26.0 | 2.127 | (395.) Ll. |
| 444 | 9 | 17 36 8.24 | 3.518 | 18 35 8.8 | 2.084 | (394.) |
| 445 | 8 | 17 36 13.02 | 3.480 | 17 9 23.7 | 2.078 | (393.) Ll. |
| 446 | 8. 9 | 17 36 18.23 | 3.468 | 16 41 35.5 | 2.070 | (395.) |
| 447 | 8 | 17 37 30.46 | 3.465 | 16 31 25.8 | 1.966 | IV. |
| 448 | 8 | 17 37 57.66 | 3.451 | 15 56 18.7 | 1.925 | (393.) Ll. |
| 449 | 8 | 17 38 40.72 | 3.504 | 18 2 42.6 | 1.863 | (394.) Ll. |
| 450 | 10 | 17 39 39.01 | 3.484 | 17 14 13.9 | 1.778 | (393.) |
| 451 | 9. 10 | 17 39 48.55 | 3.531 | 19 4 14.8 | 1.764 | (394.) |
| 452 | 9 | 17 40 21.73 | 3.457 | 16 11 32.3 | 1.716 | (393.) |
| 453 | 10 | 17 40 58.26 | 3.551 | 19 51 6.9 | 1.663 | (394.) |
| 454 | 10 | 17 41 7.50 | 3.444 | 15 40 39.7 | 1.649 | (363.) |

**I.** (328) -0.16 +0.6; (391) +0.17 -0.7. **II.** (363) +0.22 +1.6; (390) -0.22 -1.7.
**III.** (328) +0.05 [-21.2]; (364) +0.11 -0.2; (390) -0.35 +0.2; (391) +0.21 0.0.
**IV.** (393) -0.18 -0.3; (395) +0.19 +0.2.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 455 | 8 | 17 41 44.54 | + 3.451 | - 15 55 13.3 | - 1.597 | (395.) Ll. |
| 456 | 9 | 17 41 45.73 | 3.450 | 15 53 36.2 | 1.594 | (328.) Ll. |
| 457 | 7. 8 | 17 42 3.43 | 3.455 | 16 6 16.3 | 1.570 | I. Ll. |
| 458 | 9 | 17 42 38.59 | 3.458 | 16 11 34.7 | 1.517 | (393.) |
| 459 | 8. 9 | 17 43 24.53 | 3.472 | 16 44 20.5 | 1.452 | (395.) Ll. |
| 460 | 8 | 17 43 29.20 | 3.532 | 19 4 34.0 | 1.445 | (394.) |
| 461 | 9 | 17 43 41.02 | 3.459 | 16 14 54.3 | 1.428 | (393.) Ll. |
| 462 | 8 | 17 44 33.05 | 3.490 | 17 26 34.5 | 1.351 | II. Ll. |
| 463 | 10 | 17 44 49.20 | 3.443 | 15 36 59.2 | 1.327 | (390.) Ll. |
| 464 | 8 | 17 44 53 26 | 3.552 | 19 50 49.3 | 1.322 | (394.) Ll. |
| 465 | 8 | 17 45 15.23 | 3.487 | 17 22 26.6 | 1.289 | III. Ll. |
| 466 | 10 | 17 46 41.85 | 3.448 | 15 49 3.9 | 1.162 | (391.) |
| 467 | 9. 10 | 17 47 10 27 | 3.471 | 16 43 0.3 | 1.121 | (393.) |
| 468 | 7 | 17 47 41.16 | 3.448 | 15 46 47.3 | 1.077 | IV. Ll. R. |
| 469 | 9. 10 | 17 47 44.16 | 3.432 | 15 9 9.3 | 1.072 | (364.) |
| 470 | 8. 9 | 17 48 3.84 | 3.466 | 16 31 29.4 | 1.043 | (393.) |
| 471 | 9 | 17 48 10.71 | 3.445 | 15 39 22.3 | 1.033 | V. Ll. |
| 472 | 8 | 17 48 37.65 | 3 469 | 16 37 53.7 | 0.993 | (393.) |
| 473 | 9 | 17 49 8.42 | 3.472 | 16 46 15.1 | 0.949 | (393.) |
| 474 | 10 | 17 50 0.08 | 3.443 | 15 34 55.3 | 0.875 | VI. |
| 475 | 7. 8 | 17 50 0.05 | 3.474 | 16 50 10.2 | 0.875 | (393.) Ll. |
| 476 | 8. 9 | 17 50 19.08 | 3.461 | 16 18 47.1 | 0.847 | (393.) |
| 477 | 10 | 17 50 30.65 | 3.433 | 15 11 56.0 | 0 830 | VII. |
| 478 | 10 | 17 50 36.66 | 3.510 | 18 11 13.1 | 0.821 | (394.) Ll. |
| 479 | 9 | 17 50 55.73 | 3.432 | 15 7 58.9 | 0.793 | VIII. |
| 480 | 7. 8 | 17 51 34.05 | 3.455 | 16 3 7.5 | 0.737 | IX. Ll. |

**I.** (393) +0.03 +1.6; (395) -0.03 -1.7. **II.** (393) +0.18 +0.9; (395) -0.18 -0.9. **III.** (393) -0 20 +0.4; (395) +0.20 -0.4. **IV.** (390) +0.08 -2.5; (391) -0.46 -1.3; (764) +0.38 +3.9. **V.** (363) -0 09 -0.6; (390) -0.41 -0.3; (764) +0.49 +0.8. **VI.** (328) +0.25 [-7.9]; (390) -0.39 +1.1; (391) +0.15 -1.2. **VII.** (328) -0.10 -3.3; (764) +0.11 +3.3. **VIII.** (328) +0.01 -2.2; (390) -0.46 +0.3; (764) +0.46 +2.0. **IX.** (393) +0.08 +0.6; (395) -0.08 -0.6.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 481 | 9. 10 | 17 51 40.37 | + 3.519 | - 18 33 53.0 | - 0.729 | (394.) Ll. |
| 482 | 8 | 17 52 10.10 | 3.435 | 15 15 36.1 | 0.685 | (391.) |
| 483 | 9 | 17 52 40.47 | 3.437 | 15 20 55.6 | 0.641 | I. |
| 484 | 8 | 17 53 1.38 | 3.464 | 16 25 58.3 | 0.612 | II. |
| 485 | 8 | 17 53 31.31 | 3.459 | 16 13 3.3 | 0.567 | III. Ll. |
| 486 | 8 | 17 53 58.03 | 3.492 | 17 31 2.3 | 0.527 | (393.) Ll. |
| 487 | 7 | 17 54 37.01 | 3.494 | 17 36 23.5 | 0.470 | IV. Ll. |
| 488 | 7 | 17 55 37.58 | 3.488 | 17 21 13.2 | 0.381 | V. Ll. |
| 489 | 8 | 17 56 6.68 | 3.438 | 15 21 47.8 | 0.340 | VI. |
| 490 | 10 | 17 56 11.53 | 3.429 | 15 0 43.9 | 0.332 | VII. |
| 491 | 8 | 17 56 21.48 | 3.436 | 15 17 21.0 | 0.318 | VIII. B. |
| 492 | 9 | 17 56 42.02 | 3.487 | 17 17 41.0 | 0.288 | (393.) |
| 493 | 10 | 17 57 34.98 | 3.471 | 16 41 41.9 | 0.211 | (395.) |
| 494 | 9 | 17 57 52.77 | 3.531 | 18 59 33.4 | 0.185 | (394.) |
| 495 | 8 | 17 58 32.09 | 3.471 | 16 40 1.7 | 0.128 | (395.) Ll. |
| 496 | 9. 10 | 17 58 36.88 | 3.429 | 14 59 59.3 | 0.121 | (390.) |
| 497 | 10 | 17 58 43.70 | 3.445 | 15 40 16.5 | 0.116 | (363.) |
| 498 | 8. 9 | 17 59 38.16 | 3.519 | 18 34 1.7 | 0.031 | (394.) Ll. |
| 499 | 7. 8 | 17 59 48.37 | 3.464 | 16 25 56.5 | - 0.017 | (395.) Ll. |
| 500 | 9 | 18 0 7.30 | 3.492 | 17 31 25.1 | + 0.010 | (393.) |
| 501 | 10 | 18 0 18.55 | 3.430 | 15 3 23.9 | 0.022 | (328.) B. |
| 502 | 10 | 18 0 34.02 | 3.431 | 15 4 37.9 | 0.049 | IX. B. |
| 503 | 9. 10 | 18 0 56.14 | 3.493 | 17 33 1.2 | 0.081 | (393.) |
| 504 | 9 | 18 0 57.72 | 3.477 | 16 51 28.1 | 0.084 | (395.) |
| 505 | 8. 9 | 18 0 58.87 | 3.527 | 18 51 45.3 | 0.085 | (394.) Ll. |
| 506 | 9 | 18 1 6.65 | 3.436 | 15 18 7.5 | 0.097 | X. Ll. |
| 507 | 10 | 18 1 21.59 | 3.530 | 18 57 10.6 | 0.119 | (394.) |

I. (328) +0.01 -1.3; (390) 0.00 +1.3. II. (393) -0.03 +0.2; (395) +0.03 -0.2.
III. (393) -0.06 +3.1; (395) +0.00 -3.2. IV. (393) -0.08 +2.0; (395) +0.09 -2.1.
V. (393) +0.07 +1.9; (395) -0.07 -1.9. VI. (328) +0.07 -2.0; (391) -0.07 +2.0.
VII. (363) +0.32 -0.5; (390) -0.32 +0.4. VIII. (328) -0.04 -0.6; (391) +0.04 +0.5.
IX. (328) +0.26 +1.0; (390) -0.26 -1.0. X. (328) +0.18 -0.8; (390) -0.18 +0.8

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 508 | 8 | 18 1 52.42 | + 3.473 | - 16 46 21.5 | + 0.163 | (395.) |
| 509 | 9 | 18 2 5.48 | 3.528 | 18 53 33.3 | 0.184 | (394.) |
| 510 | 8 | 18 2 26.89 | 3.489 | 17 24 25.4 | 0.214 | (393.) |
| 511 | 8 | 18 3 5.76 | 3.477 | 16 55 11.3 | 0.271 | (393.) |
| 512 | 9 | 18 3 6.56 | 3.434 | 15 13 37.8 | 0.272 | I. |
| 513 | 8 | 18 3 13.85 | 3.446 | 15 42 23.1 | 0.283 | (364.) Ll. |
| 514 | 8 | 18 3 31.91 | 3.472 | 16 43 42.0 | 0.309 | (395.) |
| 515 | 9 | 18 3 46.52 | 3.515 | 18 25 36.5 | 0.331 | (394.) Ll. |
| 516 | 6. 7 | 18 3 47.48 | 3.464 | 16 24 39.5 | 0.331 | (395.) |
| 517 | 9 | 18 3 47.90 | 3.434 | 15 12 23.2 | 0.333 | II. |
| 518 | 8. 9 | 18 3 57.85 | 3.445 | 15 39 18.2 | 0.347 | (364.) |
| 519 | 8 | 18 3 59.75 | 3.455 | 16 2 18.0 | 0.350 | (395.) |
| 520 | 7. 8 | 18 4 7.67 | 3.469 | 16 36 20.9 | 0.362 | (393.) |
| 521 | 8 | 18 4 21.11 | 3.434 | 15 13 20.9 | 0.380 | (328.) B. |
| 522 | 9. 10 | 18 4 51.33 | 3.515 | 18 25 17.3 | 0.423 | (394.) |
| 523 | 8 | 18 4 58.62 | 3.444 | 15 37 49.4 | 0.435 | III. Ll. |
| 524 | 8. 9 | 18 5 1.24 | 3.531 | 19 1 28.3 | 0.438 | (397.) |
| 525 | 9 | 18 5 1.75 | 3.483 | 17 10 57.4 | 0.440 | IV. |
| 526 | 10 | 18 5 38.74 | 3.510 | 18 11 10.4 | 0.493 | (394.) |
| 527 | 8 | 18 6 4.36 | 3.581 | 20 54 38.5 | 0.530 | (398.) Ll. |
| 528 | 8 | 18 6 11.33 | 3.530 | 18 58 57.9 | 0.540 | (397.) |
| 529 | 9 | 18 6 12.30 | 3.520 | 18 35 15.6 | 0.542 | (394.) |
| 530 | 5. 6 | 18 6 15.83 | 3.577 | 20 46 2.6 | 0.548 | (398.) Ll. |
| 531 | 7. 8 | 18 6 21.51 | 3.435 | 15 25 23.1 | 0.556 | V. Ll. |
| 532 | 7. 8 | 18 6 26.61 | 3.531 | 19 1 58.0 | 0.563 | (397.) |
| 533 | 9. 10 | 18 6 27.78 | 3.455 | 16 4 8.6 | 0.565 | (395.) |
| 534 | 8 | 18 6 32.92 | 3.483 | 17 8 40.6 | 0.572 | (393.) |
| 535 | 8 | 18 6 41.98 | 3.523 | 18 42 5.8 | 0.586 | (394.) |

I. (328) +0.17 +0.6; (390) -0.07 -6.2. II. (328) +0.61 +1.2; (390) -0.60 -1.2.
III. (363) +0.17 -0.4; (364) +0.17 +0.3. IV. (393) +0.32 +26.4; (395 -0.32 -26.4.
V. (328) +0.13 +0.6; (364) -0.12 -0.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 536 | 8 | 18 6 55.51 | + 3.530 | − 18 59 40.8 | + 0.605 | (397.) |
| 537 | 8 | 18 7 2.33 | 3.452 | 15 56 6.9 | 0.616 | (395.) Ll. |
| 538 | 8 | 18 7 2.57 | 3.479 | 17 0 46.0 | 0.617 | (393.) |
| 539 | 10 | 18 7 19.54 | 3.455 | 16 2 51.4 | 0.640 | (395.) |
| 540 | 10 | 18 7 22.96 | 3.526 | 18 50 29.2 | 0.646 | (394.) |
| 541 | 9 | 18 7 26.66 | 3.476 | 16 53 8.4 | 0.652 | (393.) |
| 542 | 7 | 18 7 38.85 | 3.574 | 20 39 16.9 | 0.669 | (398.) Ll. |
| 543 | 9. 10 | 18 7 48.39 | 3.527 | 18 51 1.1 | 0.683 | (394.) |
| 544 | 8. 9 | 18 8 12.42 | 3.465 | 16 26 30.0 | 0.717 | (395.) Ll. |
| 545 | 8. 9 | 18 8 34.86 | 3.478 | 16 58 29.7 | 0.750 | (393) |
| 546 | 9 | 18 8 39.43 | 3.573 | 20 38 29.3 | 0.756 | (398.) |
| 547 | 9 | 18 8 40.88 | 3.445 | 15 40 7.2 | 0.759 | (328.) Ll. |
| 548 | 9. 10 | 18 8 49.43 | 3.461 | 16 17 24.2 | 0.771 | (395.) |
| 549 | 9. 10 | 18 8 59.61 | 3.476 | 16 54 17.2 | 0.787 | (393.) |
| 550 | 8 | 18 9 1.51 | 3.440 | 15 28 44.4 | 0.790 | (328.) Ll. |
| 551 | 7. 8 | 18 9 1.73 | 3.526 | 18 50 50.4 | 0.790 | I. Ll. |
| 552 | 8 | 18 9 9.66 | 3.524 | 18 45 5.9 | 0.802 | II. Ll. |
| 553 | 8 | 18 9 54.63 | 3.522 | 18 40 20.5 | 0.867 | III. Ll. |
| 554 | 10 | 18 9 55.49 | 3.522 | 18 40 6.2 | 0.869 | (394.) Ll. |
| 555 | 9 | 18 10 5.38 | 3.462 | 16 21 39.3 | 0.882 | (395.) Ll. |
| 556 | 8 | 18 10 22.66 | 3.474 | 16 42 37.3 | 0.908 | (393.) Ll. |
| 557 | 8. 9 | 18 10 24.12 | 3.462 | 16 21 23.3 | 0.910 | (395.) Ll. |
| 558 | 8. 9 | 18 10 40.01 | 3.511 | 18 16 31.7 | 0.933 | (397.) |
| 559 | 10 | 18 10 40.30 | 3.434 | 15 13 29.8 | 0.934 | (364.) |
| 560 | 9. 10 | 18 10 58.45 | 3.455 | 16 4 38.8 | 0.960 | (395.) |
| 561 | 9 | 18 11 29.65 | 3.520 | 18 38 59.1 | 1.005 | IV. |
| 562 | 6 | 18 11 30.55 | 3.451 | 15 53 16.0 | 1.006 | V. Ll. R. |
| 563 | 7 | 18 11 37.78 | 3.563 | 20 16 31.4 | 1.017 | (398.) Ll. |

I. (394) +0.02 +0.4; (397) −0.01 −0.4. II. (394) +0.02 +2.3; (397) −0.02 −2.3. III. (394) −0.09 −0.8; (397) +0.09 +0.8. IV. (394) −0.26 +0.2; (397) +0.27 −0.3. V. (364) +0.07 +0.1; (393) +0.10 0.0.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 564 | 8 | 18 12 29.26 | + 3.429 | - 15 2 11.8 | + 1.091 | (328.) Ll. B. |
| 565 | 7. 8 | 18 12 33.60 | 3.528 | 18 55 8.0 | 1.098 | (394.) Ll. |
| 566 | 9 | 18 12 35.02 | 3.465 | 16 26 14.2 | 1.099 | (395.) |
| 567 | 8. 9 | 18 12 46.29 | 3.517 | 18 29 24.3 | 1.116 | (397.) |
| 568 | 8. 9 | 18 12 57.45 | 3.503 | 17 57 41.9 | 1.131 | (397.) |
| 569 | 8 | 18 13 9.15 | 3.453 | 16 23 18.2 | 1.149 | I. Ll. |
| 570 | 8. 9 | 18 13 26.44 | 3.560 | 20 7 57.1 | 1.174 | (398.) |
| 571 | 9 | 18 13 38.46 | 3.432 | 15 9 22.7 | 1.193 | (328.) Doppelst. |
| 572 | 9 | 18 13 ~~39.6~~ | 3.432 | 15 9 11.7 | 1.193 | (328.) Ll. Doppelst. |
| 573 | 9 | 18 13 43.33 | 3.457 | 16 8 16.7 | 1.198 | (395.) |
| 574 | 9. 10 | 18 13 58.24 | 3.524 | 18 47 8.2 | 1.221 | II. |
| 575 | 8 | 18 14 8.33 | 3.478 | 16 59 34.3 | 1.235 | (395.) Ll. |
| 576 | 8 | 18 14 23.26 | 3.575 | 20 43 22.9 | 1.256 | (398.) Ll. |
| 577 | 9 | 18 14 24.23 | 3.571 | 20 32 57.7 | 1.258 | (398.) |
| 578 | 8 | 18 14 28.36 | 3.470 | 16 39 40.3 | 1.265 | (393.) Ll. |
| 579 | 9 | 18 15 17.15 | 3.546 | 19 38 55.5 | 1.336 | (394.) |
| 580 | 9 | 18 15 17.75 | 3.566 | 20 23 52.6 | 1.338 | (398.) |
| 581 | 8. 9 | 18 15 34.02 | 3.508 | 18 9 54.4 | 1.361 | (397.) |
| 582 | 9 | 18 15 45.69 | 3.551 | 19 48 22.0 | 1.379 | (394.) |
| 583 | 10 | 18 15 49.56 | 3.504 | 17 59 27.5 | 1.383 | (397.) |
| 584 | 9 | 18 16 3.00 | 3.475 | 16 52 15.5 | 1.403 | (395.) |
| 585 | 9 | 18 16 3.21 | 3.439 | 15 27 56.4 | 1.403 | III. |
| 586 | 9. 10 | 18 16 5.09 | 3.487 | 17 19 28.7 | 1.406 | (393.) |
| 587 | 8. 9 | 18 16 11.79 | 3.520 | 18 36 48.1 | 1.417 | (394.) Ll. |
| 588 | 8. 9 | 18 16 19.39 | 3.513 | 18 21 8.1 | 1.427 | (397.) |
| 589 | 5 | 18 16 24.60 | 3.568 | 20 27 3.9 | 1.436 | (398.) Ll. |
| 590 | 9 | 18 16 39.98 | 3.433 | 15 11 52.8 | 1.458 | (328.) Ll. B. |
| 591 | 9 | 18 17 2.88 | 3.433 | 15 13 49.7 | 1.490 | (328.) Ll. B. |

I. (393) -0.07 -0.3; (395) +0.07 +0.3. II. (394) +0.01 -1.7; (397) 0.00 -1.6.
III. (328) +0.01 +2.0; (363) -0.08 -1.4; (364) +0.08 -0.6.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 592 | 9 | 18 17 3.76 | + 3.482 | − 17 9 13.6 | + 1.492 | I. |
| 593 | 9. 10 | 18 17 24.68 | 3.450 | 15 53 34.2 | 1.522 | (364.) |
| 594 | 9 | 18 17 33.56 | 3.475 | 16 54 4.7 | 1.536 | (393.) |
| 595 | 7. 8 | 18 17 40.16 | 3.508 | 18 10 1.1 | 1.545 | (397.) Ll. |
| 596 | 8 | 18 17 47.10 | 3.445 | 15 42 37.2 | 1.555 | (328.) Ll. |
| 597 | 8 | 18 18 12.87 | 3.485 | 17 16 48.9 | 1.592 | (395.) |
| 598 | 8 | 18 18 13.13 | 3.518 | 18 34 33.9 | 1.592 | (397.) |
| 599 | 9. 10 | 18 18 29.91 | 3.515 | 18 27 29.1 | 1.617 | (394.) |
| 600 | 8 | 18 18 54.64 | 3.439 | 15 27 32.4 | 1.653 | (328.) Ll. |
| 601 | 8 | 18 19 7.90 | 3.465 | 16 30 47.4 | 1.673 | (395.) Ll. |
| 602 | 6 | 18 19 11.35 | 3.500 | 17 53 12.4 | 1.676 | (397.) Ll. |
| 603 | 8. 9 | 18 19 28.06 | 3.566 | 20 25 33.9 | 1.702 | (398.) |
| 604 | 9 | 18 19 50.88 | 3.479 | 17 3 57.1 | 1.734 | (393.) |
| 605 | 9 | 18 19 52.23 | 3.450 | 15 53 31.5 | 1.736 | (395.) |
| 606 | 10 | 18 19 59.53 | 3.519 | 18 35 46.5 | 1.748 | (394.) |
| 607 | 10 | 18 20 10.03 | 3.530 | 19 3 2.8 | 1.762 | (394.) |
| 608 | 8 | 18 20 22.75 | 3.465 | 16 30 18.8 | 1.781 | (393.) |
| 609 | 8 | 18 20 56.72 | 3.457 | 16 11 13.4 | 1.830 | II. Ll. |
| 610 | 6 | 18 21 22.72 | 3.524 | 18 49 7.6 | 1.868 | III. Ll. |
| 611 | 7. 8 | 18 21 28.78 | 3.459 | 16 17 5.3 | 1.877 | IV. Ll. |
| 612 | 9 | 18 22 3.71 | 3.448 | 15 50 13.1 | 1.929 | (328.) |
| 613 | 9 | 18 22 11.12 | 3.452 | 16 1 38.7 | 1.938 | (395.) |
| 614 | 8 | 18 22 30.84 | 3.529 | 18 59 53.2 | 1.967 | (394.) Ll. |
| 615 | 4. 5 | 18 22 38.73 | 3.516 | 18 30 2.8 | 1.979 | (397.) Ll. |
| 616 | 8 | 18 22 53.05 | 3.454 | 16 4 33.2 | 1.999 | V. Ll. |
| 617 | 8 | 18 23 6.99 | 3.556 | 20 3 10.7 | 2.020 | (398.) |
| 618 | 8 | 18 23 39.96 | 3.530 | 19 4 28.3 | 2.067 | (394.) |
| 619 | 8 | 18 23 49.23 | 3.453 | 16 2 5.9 | 2.080 | VI. Ll. |

I. (393) -0.11 -2.2; (395) +0.12 +2.1. II. (393) -0.05 +1.1; (395) +0.05 -1.2; III. (394) -0.01 -0.2; (397) +0.01 +0.1. IV. (393) -0.02 +1.7; (395) +0.02 -1.7. V. (393) 0.00 +1.6; (395) +0.01 -1.6; VI. (393) -0.02 +3.6; (395) +0.03 -3.6.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 620 | 9 | 18 24 12.75 | + 3.450 | - 15 56 22.4 | + 2.114 | I. |
| 621 | 7. 8 | 18 24 22.80 | 3.514 | 18 28 22.2 | 2.129 | II. Ll. |
| 622 | 8 | 18 24 44.29 | 3.553 | 19 57 1.8 | 2.160 | (398.) |
| 623 | 8 | 18 25 27.77 | 3.467 | 16 36 34.6 | 2.224 | (395.) Ll. |
| 624 | 7. 8 | 18 25 28.11 | 3.448 | 15 52 32.9 | 2.224 | III. |
| 625 | 7 | 18 25 31.91 | 3.551 | 19 53 36.3 | 2.229 | (398.) Ll. |
| 626 | 9 | 18 25 42.19 | 3.512 | 18 24 56.3 | 2.244 | IV. |
| 627 | 6 | 18 26 23.94 | 3.579 | 20 57 10.1 | 2.305 | (398.) Ll. |
| 628 | 8 | 18 26 32.72 | 3.537 | 19 22 48.8 | 2.318 | (394.) |
| 629 | 8 | 18 26 41.76 | 3.458 | 16 15 3.9 | 2.331 | (395.) Ll. |
| 630 | 7 | 18 26 48.75 | 3.519 | 18 39 53.1 | 2.341 | V. Ll. |
| 631 | 8 | 18 27 44.05 | 3.525 | 18 54 10.9 | 2.421 | VI. Ll. |
| 632 | 8 | 18 27 44.52 | 3.564 | 20 25 52.6 | 2.422 | (398.) |
| 633 | 9 | 18 27 48.52 | 3.565 | 20 26 50.7 | 2.428 | (398.) |
| 634 | 8 | 18 27 59.16 | 3.484 | 17 19 29.4 | 2.443 | (395.) |
| 635 | 8 | 18 28 8.29 | 3.534 | 19 15 25.4 | 2.456 | (397.) |
| 636 | 8. 9 | 18 28 16.72 | 3.461 | 16 24 35.7 | 2.469 | (395.) |
| 637 | 7 | 18 28 16.73 | 3.540 | 19 29 39.8 | 2.469 | (397.) Ll. |
| 638 | 10 | 18 28 20.41 | 3.503 | 18 2 43.2 | 2.474 | (394.) |
| 639 | 9 | 18 28 49.95 | 3.427 | 15 3 6.5 | 2.517 | (328.) |
| 640 | 7. 8 | 18 28 57.58 | 3.462 | 16 26 5.8 | 2.529 | (393.) Ll. |
| 641 | 9. 10 | 18 29 7.72 | 3.439 | 15 32 54.8 | 2.543 | (378.) |
| 642 | 6. 7 | 18 29 8.66 | 3.485 | 17 21 15.4 | 2.543 | (395.) Ll. |
| 643 | 9. 10 | 18 29 13.15 | 3.427 | 15 3 22.4 | 2.550 | (328.) |
| 644 | 9. 10 | 18 29 33.08 | 3.514 | 18 30 22.7 | 2.579 | (394.) |
| 645 | 9 | 18 29 48.77 | 3.544 | 19 39 28.1 | 2.602 | (397.) |
| 646 | 10 | 18 29 53.74 | 3.524 | 18 54 27.7 | 2.610 | (394.) |
| 647 | 8 | 18 30 3.54 | 3.532 | 19 13 49.0 | 2.622 | (397.) |

I. (393) +0.03 +1.5; (395) -0.03 -1.6. II. (394) +0.04 0.0; (397) -0.04 -0.1; III. (393) +0.03 +1.6; (395) -0.03 -1.6. IV. (394) -0.02 -0.6; (397) +0.03 +0.5; V. (394) -0.09 -0.4; (397) +0.10 +0.3. VI. (394) -0.12 +1.9; (397) +0.12 -1.9.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 648 | 9 | 18 30 28.29 | + 3.430 | - 15 9 55 8 | + 2.660 | I. Ll. B. |
| 649 | 9 | 18 30 40.11 | 3.522 | 18 47 56.9 | 2.676 | (397.) |
| 650 | 9 | 18 31 8.57 | 3.433 | 15 17 4.6 | 2.718 | (378.) |
| 651 | 9. 10 | 18 31 20.12 | 3.472 | 16 52 3.8 | 2.734 | II. |
| 652 | 10 | 18 32 22.39 | 3.550 | 19 53 48.5 | 2.823 | (394.) |
| 653 | 10 | 18 32 25.41 | 3.425 | 15 1 21.5 | 2.829 | (378.) |
| 654 | 8. 9 | 18 32 37.99 | 3.480 | 17 12 34.2 | 2.847 | (395.) Ll. |
| 655 | 8. 9 | 18 32 51.02 | 3.503 | 18 7 23.1 | 2.865 | (397.) |
| 656 | 8. 9 | 18 32 53.30 | 3.453 | 16 7 11.0 | 2.868 | (393.) |
| 657 | 10 | 18 33 1.15 | 3.538 | 19 28 30.1 | 2.879 | (394.) |
| 658 | 9 | 18 33 2.98 | 3.555 | 20 6 5.4 | 2.882 | (407.) |
| 659 | 8. 9 | 18 33 8.13 | 3.532 | 19 14 29.5 | 2.890 | (397.) |
| 660 | 8. 9 | 18 33 21.98 | 3.565 | 20 29 20.3 | 2.910 | (398.) Ll. |
| 661 | 7. 8 | 18 33 28.38 | 3.478 | 17 9 — | 2.919 | (395.) Ll. |
| 662 | 9 | 18 33 29.76 | 3.547 | 19 49 37.3 | 2.921 | (407.) |
| 663 | 8 | 18 33 39.17 | 3.449 | 15 59 34.4 | 2.934 | (393.) Ll. |
| 664 | 8 | 18 34 3.85 | 3.441 | 15 39 33.5 | 2.970 | III. |
| 665 | 6. 7 | 18 34 4.95 | 3.536 | 19 25 19.0 | 2.971 | IV. |
| 666 | 9 | 18 34 7.09 | 3.448 | 15 55 40.1 | 2.974 | (393.) |
| 667 | 9 | 18 34 10.25 | 3.437 | 15 31 37.6 | 2.978 | (328.) |
| 668 | 10 | 18 34 27.95 | 3.534 | 19 21 59.4 | 3.005 | (394.) |
| 669 | 8 | 18 34 45.50 | 3.473 | 16 55 36.5 | 3.028 | (395.) Ll. |
| 670 | 9 | 18 35 3.27 | 3.552 | 20 2 4.7 | 3.054 | (407.) |
| 671 | 7 | 18 35 10.13 | 3.476 | 17 4 3.8 | 3.065 | V. Ll. |
| 672 | 9 | 18 35 10.39 | 3.434 | 15 24 58.1 | 3.066 | VI. |
| 673 | 7 | 18 35 18.26 | 3.537 | 19 27 43.9 | 3.077 | VII. |
| 674 | 9. 10 | 18 35 51.51 | 3.537 | 19 28 13.8 | 3.126 | VIII. |

I. (328) +0.15 -0.4; (363) -0.10 +0.2; (378) -0.06 +0.3. II. (393) +0.03 —; (395) -0.02 0.0. III. (328) +0.15 +0.7; (377) -0.14 -0.8. IV. (394) -0.05 +0.3; (397) +0.05 -0.3. V. (393) +0.13 +1.4; (395) -0.13 -1.4. VI. (328) +0.07 +4.9; (364) -0.19 -3.8; (377) +0.13 -1.2. VII. (394) -0.04 +1.3; (397) +0.05 -1.4. VIII. (394) +0.14 +0.4; (397) -0.13 -0.4.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 675 | 9 | 18 36 2.03 | + 3.473 | - 16 56 33.7 | + 3.140 | (393.) |
| 676 | 8. 9 | 18 36 30.73 | 3.575 | 20 55 56.6 | 3.181 | (398.) |
| 677 | 10 | 18 36 44.73 | 3.469 | 16 46 46.9 | 3.201 | (393.) |
| 678 | 7. 8 | 18 36 53.61 | 3.491 | 17 41 38.6 | 3.213 | 395.) Ll. |
| 679 | 8 | 18 37 6.66 | 3.530 | 19 13 53.8 | 3.233 | (397.) |
| 680 | 9 | 18 37 29.83 | 3.439 | 15 37 38.6 | 3.266 | I. |
| 681 | 10 | 18 37 34.73 | 3.471 | 16 53 37.2 | 3.273 | (393.) |
| 682 | 8. 9 | 18 37 39.50 | 3.559 | 20 22 12.6 | 3.279 | (398.) |
| 683 | 9. 10 | 18 37 55.46 | 3.528 | 19 8 54.3 | 3.302 | (397.) |
| 684 | 9. 10 | 18 38 12.62 | 3.424 | 15 0 8.2 | 3.324 | II. B. |
| 685 | 8. 9 | 18 38 17.09 | 3.425 | 15 3 59.7 | 3.334 | III. Ll. |
| 686 | 9. 10 | 18 38 30.00 | 3.470 | 16 51 17.7 | 3.353 | IV. |
| 687 | 8. 9 | 18 38 45.25 | 3.532 | 18 54 36.1 | 3.374 | (397.) Ll. |
| 688 | 8. 9 | 18 38 46.00 | 3.551 | 20 1 20.0 | 3.376 | V. |
| 689 | 7 | 18 38 58.08 | 3.560 | 20 25 58.0 | 3.394 | (398.) Ll. |
| 690 | 7 | 18 39 18.46 | 3.472 | 16 56 4.9 | 3.422 | VI. B. |
| 691 | 8 | 18 39 23.45 | 3.533 | 19 21 26.6 | 3.431 | (394.) B. |
| 692 | 8. 9 | 18 39 28.34 | 3.462 | 16 34 43.2 | 3.437 | (395.) |
| 693 | 8 | 18 39 56.96 | 3.556 | 20 18 51.6 | 3.478 | VII. Ll. |
| 694 | 6. 7 | 18 39 57.64 | 3.517 | 18 45 45.2 | 3.480 | (397.) Ll. |
| 695 | 9 | 18 40 12.69 | 3.428 | 15 11 18.9 | 3.500 | (330.) |
| 696 | 8 | 18 40 34.77 | 3.522 | 18 56 2.9 | 3.532 | (397.) |
| 697 | 9 | 18 40 37.49 | 3.430 | 15 18 58.0 | 3.535 | (330.) |
| 698 | 8 | 18 40 45.77 | 3.531 | 19 16 9.2 | 3.547 | (394.) Ll. |
| 699 | 9 | 18 40 46.43 | 3.525 | 19 4 17.4 | 3.549 | (394.) Ll. |
| 700 | 7 | 18 40 48.11 | 3.469 | 16 52 12.9 | 3.550 | VIII. Ll. |
| 701 | 8. 9 | 18 40 54.71 | 3.474 | 17 4 3.3 | 3.561 | (393.) Ll. |

I. (328) +0.02 +0.9; (330) +0.08 -1.0; (332) +0.21 -2.8; (363) -0.06 +1.4; (378) -0.26 -4.3. II. (330) +0.07 -0.1; (378) -0.07 +0.1. III. (330) +0.26 +0.4; (378) -0.26 -0.5. IV. (393) +0.13 -2.2; (395) -0.13 +2.2. V. (398) 0.00 0.0; (407) +0.05 0.0. VI. (393) 0.00 +0.8; (395) +0.01 -0.9. VII. (398) -0.10 -0.2; (407) +0.11 +0.2. VIII. (393) +0.06 +1.3; (395) -0.05 -1.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 702 | 9. 10 | 18 41 10.14 | + 3.428 | - 15 12 48.0 | + 3.582 | I. |
| 703 | 8 | 18 41 15.28 | 3.513 | 18 36 4.1 | 3.589 | (397.) |
| 704 | 10 | 18 41 19.70 | 3.443 | 15 47 48.5 | 3.597 | (330.) |
| 705 | 10 | 18 41 27.73 | 3.527 | 19 8 9.5 | 3.608 | (394.) |
| 706 | 10 | 18 41 56.68 | 3.433 | 15 25 35.8 | 3.650 | (330.) |
| 707 | 9 | 18 42 1.92 | 3.471 | 16 55 30.5 | 3.657 | (393.) |
| 708 | 8. 9 | 18 42 6.24 | 3.561 | 20 27 52.0 | 3.662 | (407.) Ll. |
| 709 | 8. 9 | 18 42 11.95 | 3.561 | 20 28 9.0 | 3.671 | (407.) Ll. |
| 710 | 10 | 18 42 20.34 | 3.432 | 15 25 25.6 | 3.684 | (378.) |
| 711 | 9. 10 | 18 42 28.93 | 3.494 | 17 52 34.7 | 3.696 | II. Ll. |
| 712 | 8. 9 | 18 42 32.68 | 3.508 | 18 25 53.5 | 3.701 | III. |
| 713 | 9 | 18 42 38.92 | 3.486 | 17 34 16.0 | 3.703 | (395.) |
| 714 | 8. 9 | 18 43 37.84 | 3.456 | 16 19 39.1 | 3.708 | (393.) |
| 715 | 10 | 18 43 10.89 | 3.513 | 18 37 10.9 | 3.756 | (397.) |
| 716 | 9. 10 | 18 43 19.95 | 2.473 | 17 2 15.9 | 3.770 | (395.) |
| 717 | 9 | 18 43 24.92 | 3.459 | 16 29 9.6 | 3.777 | (393.) |
| 718 | 9 | 18 43 37.01 | 3.552 | 20 9 23.8 | 3.794 | (407.) |
| 719 | 9. 10 | 18 43 37.84 | 3.437 | 15 35 38.4 | 3.802 | (330.) |
| 720 | 9 | 18 44 10.16 | 3.508 | 18 26 7.7 | 3.841 | (394.) Ll. |
| 721 | 9 | 18 44 20.75 | 3.434 | 15 30 16.1 | 3.857 | IV. Ll. |
| 722 | 7. 8 | 18 44 21.03 | 3.460 | 16 33 23.6 | 3.857 | (393.) Ll. |
| 723 | 9 | 18 44 30.44 | 3.434 | 15 30 13.0 | 3.871 | (364.) Ll. |
| 724 | 8. 9 | 18 44 32.62 | 3.521 | 18 57 46.4 | 3.874 | (397.) Ll. |
| 725 | 9 | 18 44 38.24 | 3.437 | 15 36 19.1 | 3.881 | V. Ll. |
| 726 | 9. 10 | 18 44 54.47 | 3.474 | 17 6 44.5 | 3.905 | (395.) |
| 727 | 8 | 18 44 56.62 | 3.547 | 19 58 29.7 | 3.909 | (408.) Ll. |
| 728 | 9. 10 | 18 45 5.97 | 3.544 | 19 50 36.8 | 3.921 | (408.) |

I. (330) -0.09 -0.6; (332) +0.10 -1.0; (364) -0.02 +1.5. II. (394) +0.44 +1.6; (395) -0.43 -1.7. III. (394) -0.03 -0.4; (397) +0.03 +0.4. IV. (328) +0.30 +1.9; (330) -0.19 -2.1; (332) +0.07 -0.3; (378) -0.16 +0.3; V. (328) +0.12 +0.8; (330) +0.04 0 0; (378) -0.17 -0.9.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 729 | 9. 10 | 18 45 25.68 | + 3.550 | - 20 6 48.4 | + 3.950 | (408.) Ll. |
| 730 | 9 | 18 45 37.30 | 3.426 | 15 10 55.4 | 3.966 | I. B. |
| 731 | 10 | 18 45 53.27 | 3.543 | 19 49 56.3 | 3.989 | (397.) Ll. |
| 732 | 8. 9 | 18 46 4.24 | 3.559 | 20 28 53.6 | 4.005 | II. |
| 733 | 6 | 18 46 7.03 | 3.441 | 15 47 11.6 | 4.009 | III. Ll. |
| 734 | 10 | 18 46 8.11 | 3.460 | 16 34 40.5 | 4.010 | (393.) |
| 735 | 8. 9 | 18 46 10.17 | 3.542 | 19 49 12.0 | 4.013 | IV. Ll. |
| 736 | 8 | 18 46 14.76 | 3.463 | 16 42 32.5 | 4.020 | (395.) |
| 737 | 8. 9 | 18 46 18.17 | 3.559 | 20 26 28.3 | 4.024 | V. Ll. |
| 738 | 9. 10 | 18 46 30.57 | 3.526 | 19 9 43.7 | 4.043 | (394.) |
| 739 | 8. 9 | 18 46 49.71 | 3.552 | 20 12 6.3 | 4.071 | VI. Ll. |
| 740 | 6 | 18 46 52.62 | 3.459 | 16 33 11.0 | 4.075 | VII. |
| 741 | 7 | 18 47 5.58 | 3.459 | 16 32 2.3 | 4.093 | VIII. |
| 742 | 9. 10 | 18 47 15.73 | 3.424 | 15 8 25.5 | 4.107 | (330.) |
| 743 | 9 | 18 47 17.42 | 3.421 | 15 0 6.4 | 4.109 | IX. Ll. |
| 744 | 7 | 18 47 26.77 | 3.518 | 18 53 41.5 | 4.123 | X. |
| 745 | 10 | 18 47 32.43 | 3.519 | 18 55 34.7 | 4.130 | (397.) |
| 746 | 8 | 18 47 47.93 | 3.547 | 19 59 44.4 | 4.152 | (398.) |
| 747 | 8 | 18 48 12.93 | 3.422 | 15 2 51.0 | 4.188 | XI. Ll. B. |
| 748 | 7. 8 | 18 48 25.46 | 3.568 | 20 50 50.1 | 4.206 | XII. Ll. |
| 749 | 10 | 18 48 45.71 | 3.510 | 18 36 52.9 | 4.235 | (397.) |
| 750 | 8 | 18 48 46.47 | 3.529 | 19 20 43.4 | 4.237 | (394.) |
| 751 | 8 | 18 48 56.75 | 3.543 | 19 54 4.4 | 4.252 | (398.) |
| 752 | 10 | 18 48 56.70 | 3.442 | 15 52 53.6 | 4.252 | XIII. |

I. (330) +0.04 [-26.7]; (364) -0.03 0.0. II. (398) -0.36 +1.6; (407) +0.36 -1.7. III. (363) +0.16 -5.4; (378) -0.15 +5.4. IV. (394) +0.06 -0.9; (397) -0.06 +0.8. V. (398) -0.23 -2.3; (407) +0.23 +1.3; (408) 0.00 +1.0. VI. (398) -0.01 -3.5; (407) +0.27 +4.8; (408) -0.27 -1.4. VII. (393) +0.09 -2.2; (395) -0.08 +2.2. VIII. (393) +0.05 +0.2; (395) -0.04 -0.3. IX. (330) +0.09 +0.1; (332) -0.08 +0.8; (377) +0.30 -0.6; (378) -0.29 -0.2. X. (394) +0.06 -1.0; (397) -0.05 +1.0. XI. (330) +0.05 -3.0; (332) +0.17 +1.6; (364) +0.18 +0.6; (377) -0.12 +0.1; (378) -0.28 +0.5. XII. (407) -0.01 -2.7; (408) +0.01 +2.6. XIII. (330) +0.08 -3.4; (393) -0.08 +3.4.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 753 | 8 | 18 49 16.78 | + 3.562 | - 20 37 7.5 | + 4.280 | I. Ll. |
| 754 | 10 | 18 49 40.02 | 3.529 | 19 22 16.9 | 4.313 | (394.) |
| 755 | 8 | 18 49 41.22 | 3.513 | 18 43 39.4 | 4.314 | (397.) Ll. |
| 756 | 9. 10 | 18 49 52.85 | 3.433 | 15 31 31.2 | 4.332 | II. |
| 757 | 9 | 18 49 56.04 | 3.465 | 16 50 1.6 | 4.336 | III. |
| 758 | 7 | 18 50 34.13 | 3.532 | 19 28 36.0 | 4.390 | (394.) |
| 759 | 6. 7 | 18 50 40.01 | 3.518 | 18 55 53.2 | 4.398 | (397.) Ll. |
| 760 | 8 | 18 51 0.74 | 3.452 | 16 18 30.8 | 4.428 | IV. Ll. |
| 761 | 8 | 18 51 3.47 | 3.510 | 18 38 7.7 | 4.431 | (397.) Ll. |
| 762 | 9. 10 | 18 51 9.00 | 3.432 | 15 30 47.1 | 4.440 | V. |
| 763 | 9. 10 | 18 51 10.14 | 3.571 | 21 0 7.1 | 4.441 | VI. |
| 764 | 10 | 18 51 11.04 | 3.532 | 19 30 11.0 | 4.442 | (394.) |
| 765 | 8 | 18 51 22.87 | 3.442 | 15 54 6.2 | 4.459 | VII. Ll. |
| 766 | 8 | 18 51 45.26 | 3.541 | 19 51 38.7 | 4.490 | (407.) |
| 767 | 9 | 18 51 44.49 | 3.566 | 20 49 39.4 | 4.489 | (398.) |
| 768 | 8 | 18 52 15.13 | 3.533 | 19 33 7.9 | 4.532 | VIII. |
| 769 | 10 | 18 52 20.38 | 3.454 | 16 25 8.0 | 4.540 | XI. |
| 770 | 8. 9 | 18 52 45.07 | 3.545 | 20 1 42.6 | 4.575 | X. |
| 771 | 9 | 18 52 50.74 | 3.452 | 16 20 35.1 | 4.584 | XI. |
| 772 | 7 | 18 52 59.09 | 3.431 | 15 29 20.8 | 4.596 | XII. R. |
| 773 | 9 | 18 53 23.02 | 3.510 | 18 35 15.2 | 4.629 | XIII. |
| 774 | 8 | 18 53 25.48 | 3.469 | 17 3 50.9 | 4.632 | (395.) Ll. |
| 775 | 8 | 18 53 48.16 | 3.559 | 20 37 12.5 | 4.664 | (398.) |
| 776 | 7 | 18 54 14.73 | 3.530 | 19 27 24.3 | 4.703 | (394.) Ll. |

I. (398) -0.03 -0.9; (408) +0.04 +0.8. II. (330) -0.01 -1.0; (364) -0.14 +0.8; (377) +0.15 +0.3. III. (393) -0.02 -1.2; (395) +0.02 +1.1. IV. (393) -0.07 -0.7; (395) +0.07 +0.7. V. (364) +0.21 0.0; (378) -0.21 -0.0. VI. (398) -0.22 -8.5; (408) +0.22 +8.5. VII. (363) [-0.85] -1.0; (393) -0.01 +0.8; (395) +0.01 +0.1. VIII. (394) -0.19 +1.0; (397) +0.20 -1.0. IX. (393) -0.15 +2.7; (395) +0.12 -2.8. X. (398) -0.02 0.0; (408) +0.02 —. XI. (393) -0.12 +3.7; (395) +0.12 -2.8. XII. (364) +0.11 0.0; (377) +0.13 +0.8; (378) -0.25 -0.8. XIII. (394) -0.32 +3.7; (397) +0.33 -3.7.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 777 | 8 | 18 54 17.75 | + 3.448 | - 16 11 55.7 | + 4.707 | I. |
| 778 | 8 | 18 54 18.21 | 3.526 | 19 18 54.8 | 4.707 | (394.) Ll. |
| 779 | 9 | 18 54 30.26 | 3.421 | 15 5 27.6 | 4.725 | II. Ll. |
| 780 | 8 | 18 54 40.63 | 3.552 | 20 20 30.2 | 4.739 | III. |
| 781 | 8 | 18 54 45.70 | 3.518 | 19 1 6.9 | 4.746 | IV. |
| 782 | 10 | 18 54 55.38 | 3.430 | 15 29 43.2 | 4.761 | (378.) |
| 783 | 9 | 18 55 12.92 | 3.448 | 16 13 4.6 | 4.785 | V. |
| 784 | 9 | 18 55 25.78 | 3.552 | 20 21 32.5 | 4.803 | VI. |
| 785 | 8. 9 | 18 56 1.11 | 3.515 | 18 55 19.2 | 4.853 | (397.) |
| 786 | 8. 9 | 18 56 10.24 | 3.469 | 17 4 41.1 | 4.866 | VII. Ll. |
| 787 | 8 | 18 56 20.75 | 3.540 | 19 54 25.3 | 4.881 | (398.) |
| 788 | 9 | 18 56 28.49 | 3.505 | 18 31 0.2 | 4.891 | (397.) |
| 789 | 8 | 18 56 34.70 | 3.468 | 17 5 9.6 | 4.901 | VIII. Ll. |
| 790 | 7. 8 | 18 57 5.49 | 3.439 | 15 52 52.9 | 4.945 | IX. |
| 791 | 8 | 18 57 17.18 | 3.501 | 18 23 14.5 | 4.961 | (397.) |
| 792 | 10 | 18 57 28.66 | 3.439 | 15 52 40.3 | 4.979 | (333.) |
| 793 | 9. 10 | 18 57 38.50 | 3.426 | 15 21 43.3 | 4.991 | (330.) |
| 794 | 10 | 18 57 43.77 | 3.538 | 19 52 55.6 | 5.000 | (408.) |
| 795 | 8. 9 | 18 58 8.91 | 3.434 | 15 41 49.5 | 5.035 | X. |
| 796 | 6 | 18 58 14.33 | 3.453 | 16 27 16.6 | 5.042 | XI. Ll. |
| 797 | 6 | 18 58 21.40 | 3.515 | 18 57 49.0 | 5.051 | (397.) |
| 798 | 10 | 18 58 27.38 | 3.425 | 15 20 23.1 | 5.060 | (330.) |
| 799 | 9 | 18 59 13.86 | 3.426 | 15 21 0.0 | 5.127 | XII. Ll. |
| 800 | 8. 9 | 18 59 21.10 | 3.488 | 17 53 58.8 | 5.135 | (397.) |
| 801 | 10 | 18 59 25.51 | 3.428 | 15 27 4.0 | 5.142 | (330.) |

I. (393) +0.09 +3.2; (395) -0.08 -3.2. II. (364) +0.12 +1.8; (378) -0.12 -1.8. III. (398) -0.12 -1.2; (408) +0.12 +1.1. IV. (394) -0.01 -0.9; (397) +0.02 +0.9. V. (393) -0.14 +4.2; (395) +0.15 -4.2. VI. (398) -0.05 -3.0; (407) +0.10 +0.6; (408) -0.05 +2.4. VII. (393) +0.20 +0.4; (395) -0.20 -0.4. VIII. (393) -0.06 -0.1; (395) +0.07 +0.1. IX. (333) -0.33 -2.6; (363) -0.09 -0.8; (364) +0.24 -0.6; (377) +0.17 +3.9. X. (333) -0.19 -0.3; (377) +0.20 +0.2. XI. (393) -0.11 +0.7; (395) +0.11 -0.8. XII. (330) 0.00 -2.9; (333) +0.01 +1.0; (377) -0.02 +2.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 802 | 8 | 18 59 52.39 | + 3.443 | − 16 6 36.2 | + 5.180 | (393.) |
| 803 | 9 | 19 0 9.80 | 3.546 | 20 13 59.6 | 5.204 | (408.) |
| 804 | 7 | 19 0 10.50 | 3.513 | 18 54 52.5 | 5.204 | (397.) Ll. |
| 805 | 8 | 19 0 13.74 | 3.484 | 17 45 45,8 | 5.210 | (393.) |
| 806 | 8 | 19 0 23.34 | 3.507 | 18 43 19.5 | 5.222 | (397.) Ll. |
| 807 | 8 | 19 0 42.03 | 3.442 | 16 4 27.1 | 5.249 | (410.) Ll. |
| 808 | 10 | 19 0 43.00 | 3.436 | 15 47 0.9 | 5.250 | (377.) |
| 809 | 9 | 19 0 46.99 | 3.547 | 20 16 31.6 | 5.256 | (408.) |
| 810 | 8 | 19 1 22.03 | 3.483 | 17 44 30.5 | 5.306 | (393.) |
| 811 | 10 | 15 1 34.57 | 3.437 | 15 53 46.6 | 5.324 | I. |
| 812 | 9. 10 | 19 1 52.53 | 3.530 | 19 38 53.0 | 5.349 | (397.) |
| 813 | 10 | 19 2 5.60 | 3.545 | 20 12 47.0 | 5.368 | (408.) |
| 814 | 8 | 19 2 18.53 | 3.423 | 15 18 2.0 | 5.387 | II. |
| 815 | 7 | 19 2 26.44 | 3.554 | 20 35 16.8 | 5.396 | (398.) Ll. |
| 816 | 7. 8 | 19 2 28.90 | 3.444 | 16 9 38.7 | 5.401 | III. Ll. |
| 817 | 8. 9 | 19 2 44.31 | 3.429 | 15 34 47.6 | 5.422 | IV. Ll. |
| 818 | 10 | 19 2 46.05 | 3.543 | 20 9 42.6 | 5.424 | (408.) |
| 819 | 9. 10 | 19 2 49.68 | 3.426 | 15 27 3.3 | 5.430 | V. Ll. |
| 820 | 10 | 19 2 51.58 | 3.452 | 16 30 20.3 | 5.433 | (393.) |
| 821 | 8 | 19 2 59.04 | 3.554 | 20 37 29.0 | 5.443 | (398.) Ll. |
| 822 | 7. 8 | 19 3 12.16 | 3.524 | 19 25 53.5 | 5.461 | (397.) |
| 823 | 8 | 19 3 31.69 | 3.456 | 16 40 20.7 | 5.489 | VI. Ll. |
| 824 | 10 | 19 3 38.49 | 3.453 | 16 32 24.3 | 5.499 | (393.) |
| 825 | 8 | 19 3 47.56 | 3.549 | 20 28 19.9 | 5.511 | (398.) |
| 826 | 8 | 19 3 57.38 | 3.525 | 19 28 31.6 | 5.524 | (397.) Ll. |
| 827 | 9 | 19 4 10.71 | 3.548 | 20 26 12.6 | 5.543 | VII. |
| 828 | 9 | 19 4 14.09 | 3.470 | 17 14 37.2 | 5.548 | VIII. |

I. (332) −0.04 +0.6; (410) +0.05 −0.6. II. (330) −0.03 +0.2; (333) +0.04 −0.9; (364) −0.02 +1.8; (377) +0.01 −1.1. III. (393) +0.20 −0.3; (395) −0.19 +0.2. IV. (330) −0.03 −2.5; (333) −0.11 +0.5; (377) +0.13 +1.9. V. (330) −0.05 −0.5; (333) +0.05 +0.5. VI. (395) +0.02 +0.3; (410) −0.01 −0.4. VII. (398) −0.12 −0.9; (407) +0.12 +0.8. VIII. (395) +0.03 −1.7; (410) −0.03 +1.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 829 | 9 | 19 4 15.92 | + 3.555 | - 20 40 7.8 | + 5.550 | I. |
| 830 | 10 | 19 4 34.68 | 3.471 | 17 21 10.4 | 5.577 | (393.) |
| 831 | 9 | 19 4 37.49 | 3.520 | 19 6 7.7 | 5.580 | (397.) Ll. |
| 832 | 9 | 19 4 52.83 | 3.555 | 20 26 21.4 | 5.602 | (398.) |
| 833 | 10 | 19 5 9.51 | 3.548 | 20 10 26.2 | 5 626 | (408.) |
| 834 | 8 | 19 5 20.23 | 3.466 | 16 55 49.1 | 5.640 | II. |
| 835 | 9 | 19 5 30.66 | 3.420 | 15 3 20 3 | 5.655 | (330.) |
| 836 | 8 | 19 5 38.95 | 3.496 | 18 9 6.9 | 5.667 | (397.) |
| 837 | 10 | 19 5 50.41 | 3.548 | 20 10 1.2 | 5.682 | (408.) |
| 838 | 8. 9 | 19 6 4.76 | 3.474 | 17 16 7.5 | 5.703 | III. |
| 839 | 9 | 19 6 8.65 | 3.492 | 17 58 37.0 | 5.709 | (397.) |
| 840 | 9. 10 | 19 6 16.29 | 3.476 | 17 20 34.7 | 5.718 | IV. |
| 841 | 8 | 19 6 35.73 | 3.545 | 20 2 31.4 | 5.746 | V. Ll. |
| 842 | 10 | 19 6 42.67 | 3.534 | 19 37 14.8 | 5.756 | (397.) |
| 843 | 8 | 19 6 49.28 | 3.452 | 16 21 14.5 | 5.765 | (395.) Ll. |
| 844 | 8. 9 | 19 7 10.28 | 3.421 | 15 5 39.9 | 5.794 | (378.) |
| 845 | 9 | 19 7 11.72 | 3.454 | 16 32 8.2 | 5.797 | (395.) |
| 846 | 9 | 19 7 14.02 | 3.454 | 16 33 19.3 | 5.800 | (395.) |
| 847 | 8 | 19 7 18.99 | 3 466 | 16 52 46.0 | 5.807 | (393.) |
| 848 | 8. 9 | 19 7 20.46 | 3.421 | 15 5 40.0 | 5.808 | (333.) |
| 849 | 8 | 19 7 23.90 | 3.516 | 18 54 41.3 | 5.813 | (397.) Ll. |
| 850 | 10 | 19 7 35.90 | 3.440 | 15 51 13.0 | 5.829 | VI. |
| 851 | 8 | 19 7 41.55 | 3.464 | 16 49 37.7 | 5.838 | (393.) |
| 852 | 7. 8 | 19 8 11.39 | 3.465 | 16 52 0.2 | 5.878 | (410.) |
| 853 | 7. 8 | 19 8 11.39 | 3.476 | 17 18 47.9 | 5.895 | (410.) |
| 854 | 8 | 19 8 36.30 | 3.511 | 19 1 37.7 | 5.913 | (397.) |
| 855 | 8 | 19 8 41.11 | 3.506 | 18 50 36.7 | 5.920 | (397.) |
| 856 | 9 | 19 9 13.09 | 3.452 | 16 37 39.7 | 5.965 | (393.) |

I. (407) +0.08 -0.3; (408) -0.07 +0.3. II. (395) +0.10 +0.8; (410) -0.10 -0.8.
III. (393) 0.00 -0.3; (410) +0.01 +0.3. IV. (393) -0.11 +1.7; (410) +0.11 -1.7.
V. (398) -0.14 0.0; (408) +0.14 [-20.0]. VI. (333) +0.18 0.0; (378) -0.18 0.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1856 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 857 | 9 | 19 9 27.63 | + 3.553 | - 20 42 25.1 | + 5.986 | (408.) |
| 858 | 8. 9 | 19 9 29.25 | 3.441 | 16 13 8.4 | 5.988 | (395.) Ll. |
| 859 | 9. 10 | 19 9 31.50 | 3.412 | 15 0 48.8 | 5.992 | (330.) |
| 860 | 8. 9 | 19 9 32.50 | 3.447 | 16 32 12.5 | 5.992 | I. |
| 861 | 8 | 19 9 35.77 | 3.459 | 16 57 13.2 | 5.997 | (410.). |
| 862 | 9 | 19 9 38.94 | 3.467 | 17 16 0.5 | 6.002 | (410.) |
| 863 | 6. 7 | 19 9 43.98 | 3.509 | 18 57 46.2 | 6.009 | (397.) Ll. |
| 864 | 8 | 19 9 57.82 | 3.510 | 19 0 10.3 | 6.028 | (397.) |
| 865 | 8 | 19 9 59.19 | 3.534 | 19 59 23.5 | 6.030 | (398.) |
| 866 | 9. 10 | 19 10 8.05 | 3.413 | 15 3 8.9 | 6.042 | II. |
| 867 | 6. 7 | 19 10 26.71 | 3.431 | 15 47 33.1 | 6.068 | (378.) R. |
| 868 | 7. 8 | 19 10 33.47 | 3.440 | 16 10 37.1 | 6.076 | (395.) Ll. |
| 869 | 9 | 19 10 44.22 | 3.465 | 17 13 22.1 | 6.092 | (410.) |
| 870 | 10 | 19 10 45.13 | 3.419 | 15 18 18.9 | 6.093 | (330.) |
| 871 | 9 | 19 11 1.52 | 3.466 | 17 16 44.3 | 6.117 | (410.) |
| 872 | 10 | 19 11 10.39 | 3.433 | 15 54 50.8 | 6.128 | III. |
| 873 | 6. 7 | 19 11 11.03 | 3.524 | 19 38 13.2 | 6.129 | (397.) Ll. |
| 874 | 10 | 19 11 15.38 | 3.539 | 20 11 41.4 | 6.135 | (408.) |
| 875 | 9 | 19 11 42.42 | 3.515 | 19 16 8.3 | 6.172 | (397.) |
| 876 | 10 | 19 11 46.70 | 3.426 | 15 38 15.3 | 6.179 | IV. |
| 877 | 8 | 19 11 52.21 | 3.467 | 17 19 3.0 | 6.186 | V. |
| 878 | 10 | 19 11 55.04 | 3.445 | 16 24 47.8 | 6.190 | (395.) |
| 879 | 10 | 19 12 1.46 | 3.424 | 15 34 34.6 | 6.200 | VI. |
| 880 | 8 | 19 12 30.28 | 3.506 | 18 55 29.5 | 6.238 | (397.) |
| 881 | 10 | 19 12 31.94 | 3.537 | 20 9 35.1 | 6.241 | (408.) |
| 882 | 7. 8 | 19 13 2.38 | 3.471 | 17 31 15.0 | 6.283 | (410.) |
| 883 | 6 | 19 13 5.72 | 3.496 | 17 34 55.6 | 6.288 | (397.) Ll. |

**I.** (393) +0.01 +3.3; (395) 0.00 -3.3. **II.** (330) +0.08 +1.1; (333) +0.18 -0.1; (378) -0.27 -1.1. **III.** (330) +0.05 +1.0; (333) -0.04 -1.1. **IV.** (330) -0.06 -2.9; (333) +0.06 +2.9. **V.** (393) -0.10 +0.1; (395) [-1.36] +1.2; (410) +011 -1.3. **VI.** (330) +0.02 -1.4; (333) -0.01 +1.4.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 884 | 5 | 19 13 7.91 | + 3.439 | - 16 13 56.6 | + 6.291 | I. Ll. |
| 885 | 9 | 19 13 38.92 | 3.455 | 16 52 8.1 | 6.334 | (410.) |
| 886 | 6 | 19 13 47.28 | 3.555 | 20 55 8.4 | 6.345 | (398.) |
| 887 | 10 | 19 14 21.52 | 3.537 | 20 14 5.2 | 6.393 | (408.) |
| 888 | 9. 10 | 19 14 27.15 | 3.431 | 15 51 50.8 | 6.400 | (393.) |
| 889 | 9 | 19 14 44.49 | 3.469 | 18 16 43.7 | 6.424 | (397.) |
| 890 | 8 | 19 14 51.13 | 3.453 | 16 47 20.8 | 6.433 | (410.) |
| 891 | 7 | 19 15 2.28 | 3.436 | 16 5 46.3 | 6.449 | II. Ll. |
| 892 | 9 | 19 15 2.72 | 3.543 | 20 29 12.2 | 6.450 | (398.) |
| 893 | 8 | 19 15 9.03 | 3.469 | 17 28 42.6 | 6.459 | III. Ll. |
| 894 | 10 | 19 15 35.13 | 3.531 | 19 59 57.4 | 6.494 | (408.) |
| 895 | 8. 9 | 18 15 43.51 | 3.542 | 20 26 34.7 | 6.507 | (398.) |
| 896 | 8. 9 | 19 15 55.96 | 3.553 | 20 52 48.7 | 6.523 | (398.) |
| 897 | 9 | 19 16 17.94 | 3.476 | 17 47 28.5 | 6.554 | (410.) |
| 898 | 8. 9 | 19 16 26.83 | 3.481 | 17 58 40.2 | 6.566 | (397.) |
| 899 | 8. 9 | 19 16 39.84 | 3.479 | 17 55 59.9 | 6.584 | (397.) |
| 900 | 8 | 19 16 40.74 | 3.459 | 17 7 27.9 | 6.585 | IV. |
| 901 | 8 | 19 16 42.65 | 3.457 | 17 1 47.7 | 6.587 | (395.) |
| 902 | 8 | 19 17 16.63 | 3.431 | 15 56 52.5 | 6.636 | (393.) |
| 903 | 9. 10 | 19 17 40.80 | 3.551 | 20 52 52.6 | 6.668 | V. Ll. |
| 904 | 8 | 19 18 8.02 | 3.457 | 17 4 38.9 | 6.706 | VI. |
| 905 | 10 | 19 18 17.53 | 3.488 | 18 20 31.6 | 6.719 | (397.) |
| 906 | 9 | 19 18 20.68 | 3.446 | 16 35 55.9 | 6.723 | (393.) |
| 907 | 9 | 19 18 25.58 | 3.422 | 15 35 13.6 | 6.730 | VII. Ll. |
| 908 | 10 | 19 18 27.45 | 3.553 | 20 57 6.5 | 6.732 | (408.) |
| 909 | 10 | 19 18 33.09 | 3.422 | 15 35 56.9 | 6.740 | (330.) Ll. |
| 910 | 9. 10 | 19 18 43.41 | 3.545 | 20 39 39.8 | 6.754 | (398.) Ll. |

I. (393) +0.02 +0.2; (395) -0.01 -0.2. II. (393) +0.07 -0.3; (395) -0.07 +0.3. III. (395) -0.04 -0.4; (410) +0.05 +0.4. IV. (395) -0.07 -2.3; (410) +0.08 +2.2. V. (398) -0.07 -2.9; (408) +0.07 +2.8. VI. (395) -0.02 +0.2; (410) +0.02 -0.3. VII. (330) -0.19 -2.4; (333) -0.13 +1.4; (378) +0.22 +1.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 911 | 7. 8 | 19 18 46.59 | + 3.494 | - 18 38 52.0 | + 6.758 | (397.) |
| 912 | 9 | 19 18 50.42 | 3.422 | 15 36 27.0 | 6.763 | I. |
| 913 | 8 | 19 18 58.51 | 3.449 | 16 44 53.1 | 6.776 | II. |
| 914 | 9. 10 | 19 19 14.03 | 3.549 | 20 48 52.5 | 6.797 | (408.) Ll. |
| 915 | 7. 8 | 19 19 21.69 | 3.495 | 18 39 29.1 | 6.807 | (397.) Ll. |
| 916 | 9. 10 | 19 19 36.61 | 3.443 | 16 30 38.6 | 6.528 | (410.) |
| 917 | 8 | 19 20 3.49 | 3.417 | 15 24 8.4 | 6.864 | III. Ll. |
| 918 | 9. 10 | 19 20 11.58 | 3.441 | 16 25 50.2 | 6.876 | (410.) |
| 919 | 8. 9 | 19 20 13.51 | 3.450 | 16 49 5.4 | 6.878 | IV. |
| 920 | 9 | 19 20 22.70 | 3.488 | 18 22 11.5 | 6.890 | (397.) |
| 921 | 9. 10 | 19 21 14.89 | 3.524 | 19 51 29.6 | 6.961 | (408.) Ll. |
| 922 | 8. 9 | 19 21 22.82 | 3.474 | 17 51 56.0 | 6.972 | (410.) |
| 923 | 8 | 19 21 26.77 | 3.436 | 16 16 53.4 | 6.977 | V. Ll. |
| 924 | 10 | 19 21 36.23 | 3.420 | 15 36 49.5 | 6.991 | (364.) |
| 925 | 8 | 19 22 7.99 | 3.465 | 17 30 34.3 | 7.033 | (410.) |
| 926 | 8 | 19 22 11.12 | 3.441 | 16 28 32.1 | 7.038 | VI. Ll. |
| 927 | 8 | 19 22 16.14 | 3.466 | 17 32 31.5 | 7.045 | (410.) |
| 928 | 8. 9 | 19 22 39.19 | 3.446 | 16 42 24.7 | 7.077 | (393.) Ll. |
| 929 | 8. 9 | 19 23 2.44 | 3.466 | 17 32 31.3 | 7.105 | (410.) |
| 930 | 9 | 19 23 15.93 | 3.543 | 20 42 46.3 | 7.127 | (408.) Ll. |
| 931 | 8. 9 | 19 23 21.38 | 3.455 | 17 7 22.5 | 7.133 | (410.) Ll. |
| 932 | 9. 10 | 19 23 34.31 | 3.405 | 15 1 24.3 | 7.151 | (330) B. |
| 933 | 8 | 19 23 51.92 | 3.430 | 16 3 55.8 | 7.176 | (393.) Ll. |
| 934 | 9. 10 | 19 23 52.24 | 3.410 | 15 14 30.6 | 7.176 | (330.) Ll |
| 935 | 9. 10 | 19 24 24.47 | 3.460 | 17 22 25.1 | 7.220 | (393.) |
| 936 | 8 | 19 24 43.45 | 3.450 | 16 55 34.3 | 7.247 | VII. |
| 937 | 8. 9 | 19 24 44.38 | 3.412 | 15 19 17.8 | 7.247 | VIII. Ll. |

I. (330) -0.01 +0.1; (333) +0.02 -0.1. II. (393) -0.02 -0.4; (395) +0.03 -0.1; (410) -0.02 +0.4. III. (330) -0.03 [-9.7[; (333) -0.09 0.0; (377) -0.17 -0.4; (378) +0.28 +0.4. IV. (393) +0.20 +2.9; (395) -0.19 -2.9. V. (393) +0.04 +1.3; (395) -0.04 -1.3. VI. (393) +0.04 +0.3; (395) -0.03 -0.3. VII. (393) +0.08 -0.9; (410) -0.08 +0.9. VIII. (330) -0.10 +1.3; (378) +0.11 -1.4.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 938 | 9 | 19 25 16.24 | + 3.431 | - 16 8 34.4 | + 7.291 | (395.) |
| 939 | 8 | 19 25 21.76 | 3.521 | 19 53 21.7 | 7.299 | I. |
| 940 | 10 | 19 25 29.35 | 3.413 | 15 22 14.3 | 7.308 | (330.) |
| 941 | 9 | 19 25 29.68 | 3.446 | 17 38 14.3 | 7.310 | (410.) |
| 942 | 8 | 19 25 38.08 | 3.442 | 16 37 42.7 | 7.320 | II. Ll. |
| 943 | 7 | 19 25 42.83 | 3.448 | 16 51 40.2 | 7.328 | (410.) Ll. |
| 944 | 9. 10 | 19 25 48.58 | 3.413 | 15 23 45.7 | 7.336 | III. |
| 945 | 9 | 19 27 19.56 | 3.427 | 16 1 58.6 | 7.459 | IV. |
| 946 | 10 | 19 27 24.37 | 3.544 | 20 53 28.8 | 7.464 | (408.) |
| 947 | 8. 9 | 19 27 27.20 | 3.504 | 19 13 49.5 | 7.468 | (397.) |
| 948 | 6. 7 | 19 27 41.32 | 3.501 | 19 10 45.2 | 7.487 | (397.) Ll. |
| 949 | 8 | 19 28 2.53 | 3.465 | 17 39 43.7 | 7.517 | V. |
| 950 | 8. 9 | 19 28 4.92 | 3.500 | 19 6 43.8 | 7.519 | (397.) Ll. |
| 951 | 10 | 19 28 20.42 | 3.539 | 20 41 44.3 | 7.540 | (408.) |
| 952 | 7. 8 | 19 28 20.59 | 3.482 | 18 23 36.8 | 7.541 | (409.) Ll. |
| 953 | 9. 10 | 19 28 27.75 | 3.444 | 16 46 37.1 | 7.550 | (410.) |
| 954 | 9. 10 | 19 28 29.81 | 3.407 | 15 13 37.1 | 7.553 | (330.) |
| 955 | 10 | 19 28 36.40 | 3.442 | 16 41 55.7 | 7.561 | (410.) |
| 956 | 9 | 19 28 39.64 | 3.461 | 17 29 55.4 | 7.567 | VI. |
| 957 | 8. 9 | 19 29 16.75 | 3.507 | 19 32 30.7 | 7.616 | (397.) |
| 958 | 9 | 19 29 34.29 | 3.409 | 15 19 0.5 | 7.639 | VII. |
| 959 | 10 | 19 29 36.16 | 3.541 | 20 52 18.1 | 7.642 | (408.) |
| 960 | 10 | 19 29 38.71 | 3.428 | 16 8 14.2 | 7.646 | (393.) |
| 961 | 10 | 19 29 43.70 | 3.483 | 18 28 26.0 | 7.653 | (409.) |
| 962 | 10 | 19 30 4.62 | 3.458 | 17 25 45.4 | 7.680 | (395.) |
| 963 | 8. 9 | 19 30 16.32 | 3.509 | 19 32 48.6 | 7.696 | (397.) |

I. (398) -0.09 -0.6; (408) +0.09 +0.6. II. (393) +0.02 [-9.2]; (395) -0.02 0.0. III. (330) -0.04 +0.5; (378) +0.05 -0.5. IV. (393) +0.05 +3.5; (410) -0.04 -3.5. V. (393) +0.02 -2.0; (395) -0.01 +2.0. VI. (393) +0.11 +0.5; (395) -0.11 -0.5. VII. (330) 0.00 -1.4; (333) +0.01 +1.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 964 | 8. 9 | 19 30 34.70 | + 3.453 | - 17 14 48.0 | + 7.721 | I. Ll. R. } Doppelst |
| 965 | 8. 9 | 19 30 35.12 | 3.453 | 17 14 48.0 | 7.721 | II. Ll. R. } Doppelst |
| 966 | 10 | 19 30 41.55 | 3.518 | 19 56 26.5 | 7.732 | (408.) |
| 967 | 8 | 19 31 0.83 | 3.508 | 19 34 5.7 | 7.757 | III. |
| 968 | 10 | 19 31 2.65 | 3.421 | 15 50 12.5 | 7.760 | (333.) |
| 969 | 10 | 19 31 3.94 | 3.417 | 15 42 36.3 | 7.761 | (333.) |
| 970 | 9 | 19 31 12.92 | 3.527 | 20 21 11.8 | 7.773 | (408.) |
| 971 | 8 | 19 31 20.88 | 3.412 | 15 30 17.3 | 7.784 | IV. Ll. R. |
| 972 | 9 | 19 31 21.20 | 3.465 | 17 47 59.6 | 7.784 | (393.) |
| 973 | 8. 9 | 19 31 35.48 | 3.486 | 18 39 16.8 | 7.802 | (409.) |
| 974 | 9 | 19 31 38.38 | 3.414 | 15 36 50.4 | 7.806 | V. |
| 975 | 8. 9 | 19 31 40.02 | 3.452 | 17 13 2.8 | 7.809 | VI. |
| 976 | 9 | 19 32 3.97 | 3.516 | 19 52 40.2 | 7.841 | (398.) |
| 977 | 5. 6 | 19 32 7.51 | 3.437 | 16 37 55.8 | 7.846 | (410.) Ll. R. |
| 978 | 9 | 19 32 27.37 | 3.417 | 15 44 42.7 | 7.872 | (330.) |
| 979 | 9. 10 | 19 32 55.03 | 3.400 | 15 2 7.9 | 7.909 | VII. |
| 980 | 9 | 19 33 7.47 | 3.446 | 16 59 55.1 | 7.927 | (393.) |
| 981 | 10 | 19 33 16.61 | 3.486 | 18 41 56.6 | 7.939 | (409.) |
| 982 | 10 | 19 33 25.95 | 3.478 | 18 20 3.2 | 7.952 | (397.) |
| 983 | 9 | 19 33 46.74 | 3.406 | 15 18 0.0 | 7.979 | VIII. |
| 984 | 6 | 19 33 56.00 | 3.431 | 16 24 17.6 | 7.992 | IX. Ll. R. |
| 985 | 10 | 19 33 58.73 | 3.530 | 20 32 37.5 | 7.996 | (398.) |
| 986 | 8. 9 | 10 34 9.30 | 3.482 | 18 32 52.0 | 8.009 | X. |
| 987 | 9 | 19 34 25.44 | 3.430 | 16 22 11.3 | 8.030 | (410.) |
| 988 | 8 | 19 34 34.52 | 3.528 | 20 30 54.3 | 8.043 | (398.) |
| 989 | 9 | 19 34 48.86 | 3.501 | 19 22 48.1 | 8.062 | (397.) |

I. (395) +0.11 -6.4; (410) -0.10 +6.4. II. (395) -0.11 -6.4; (410) +0.11 +6.4. III. (397) +0.10 +0.3; (409) -0.09 -0.3. IV. (330) +0.15 -0.4; (333) -0.15 +0.4. V. (330) -0.05 -0.4; (333) +0.06 +0.4. VI. (393) -0.02 -0.5; (410) +0.02 +0.4. VII. (333) -0.33 -1.8; (377) +0.12 +1.2; (378) +0.20 +0.5. VIII. (333) +0.08 -0.8; (377) -0.17 +0.7; (378) +0.11 0.0. IX. (395) +0.05 -2.8; (410) -0.05 +2.8. X. (397) +0.25 +0.8; (409) -0.24 -0.8.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 990 | 9 | 19 34 57.02 | + 3.429 | - 16 19 39.1 | + 8.073 | (410.) |
| 991 | 5. 6 | 19 35 0.10 | 3.417 | 15 48 45.5 | 8.077 | (377.) Ll. |
| 992 | 8 | 19 35 51.90 | 3.461 | 17 45 13.4 | 8.147 | I. Ll. |
| 993 | 9 | 19 36 4.52 | 3.488 | 18 52 47.2 | 8.162 | II. |
| 994 | 10 | 19 36 35.62 | 3.463 | 17 50 34.1 | 8.205 | (410.) |
| 995 | 9 | 19 36 38.37 | 3.453 | 17 26 17.3 | 8.207 | (395.) |
| 996 | 9 | 19 36 42.23 | 3.408 | 15 27 59.2 | 8.213 | III. |
| 997 | 9 | 19 37 38.20 | 3.412 | 15 42 27.6 | 8.287 | (377.) |
| 998 | 10 | 19 37 43.20 | 3.501 | 19 28 49.2 | 8.294 | (397.) |
| 999 | 9 | 19 37 44.89 | 3.478 | 18 30 45.0 | 8.296 | (409.) |
| 1000 | 9. 10 | 19 38 5.04 | 3.455 | 17 32 29.5 | 8.323 | IV. |
| 1001 | 10 | 19 38 14.13 | 3.402 | 15 14 37.2 | 8.335 | (364.) |
| 1002 | 7 | 19 38 20.09 | 3.519 | 20 14 30.7 | 8.343 | (398.) Ll. |
| 1003 | 7 | 19 38 31.64 | 3.452 | 17 26 25.9 | 8.359 | V. |
| 1004 | 8. 9 | 19 38 35.71 | 3.491 | 19 6 17.6 | 8.364 | (409.) |
| 1005 | 8. 9 | 19 39 1.80 | 3.502 | 19 34 35.4 | 8.399 | (397.) |
| 1006 | 7. 8 | 19 39 3.36 | 3.452 | 17 25 54.4 | 8.400 | VI. |
| 1007 | 8 | 19 39 22.50 | 3.488 | 19 0 26.1 | 8.425 | (409.) |
| 1008 | 8. 9 | 19 39 59.98 | 3.430 | 16 31 53.4 | 8.475 | VII. |
| 1009 | 9. 10 | 19 40 26.88 | 3.405 | 15 27 15.4 | 8.510 | (364.) |
| 1010 | 10 | 19 40 40.04 | 3.459 | 17 47 38.1 | 8.527 | (410.) |
| 1011 | 10 | 19 41 3.52 | 3.504 | 19 43 50.1 | 8.559 | (409.) |
| 1012 | 9. 10 | 19 41 29.01 | 3.469 | 18 14 8.4 | 8.592 | (397.) |
| 1013 | 8 | 19 41 33.42 | 3.470 | 18 19 32.6 | 8.597 | VIII. |
| 1014 | 9 | 19 41 53.28 | 3.401 | 15 18 33.2 | 8.624 | IX. |
| 1015 | 9. 10 | 19 41 56.19 | 3.412 | 15 47 44.4 | 8.628 | X. |

I. (395) +0.05 -2.5; (410) -0.04 +2.5. II. (397) +0.30 +0.7; (409) -0.30 -0.8. III. (364) +0.15 -0.2; (377) -0.15 +0.2. IV. (395) +0.05 +0.2; (410) -0.05 -2.1. V. (395) -0.11 -1.0; (410) +0.12 +0.9. VI. (395) [-1.29] -1.4; (410) 0.00 +1.4. VII. (395) -0.01 -1.3; (410) +0.02 +1 3. VIII. (397) +0.15 -0.3; (409) -0.14 +0.2. IX. (377) -0.03 -0.2; (378) +0.04 +0.2. X. (364) +0.25 +0.1; (410) -0.25 -0.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1016 | 8 | 19 42 43.83 | + 3.405 | - 15 32 22.5 | + 8.690 | (378.) |
| 1017 | 8 | 19 42 51.47 | 3.499 | 19 35 19.3 | 8.700 | (409.) |
| 1018 | 7. 8 | 19 42 56.93 | 3.422 | 16 14 46.4 | 8.708 | (393. |
| 1019 | 10 | 19 42 57.19 | 3.416 | 15 59 22.2 | 8.708 | (410.) |
| 1020 | 8 | 19 43 6.69 | 3.412 | 15 51 0.7 | 8.721 | (393.) |
| 1021 | 9 | 19 43 7.63 | 3.453 | 17 38 44.1 | 8.721 | (395.) |
| 1022 | 7. 8 | 19 43 13.07 | 3.396 | 15 9 15.9 | 8.729 | I. |
| 1023 | 9. 10 | 19 43 24.16 | 3.524 | 20 37 39.6 | 8.743 | (398.) |
| 1024 | 6. 7 | 19 43 28.38 | 3.494 | 19 25 17.3 | 8.748 | (409.) R. |
| 1025 | 8 | 19 43 50.67 | 3.444 | 17 15 54.5 | 8.779 | (410.) |
| 1026 | 8 | 19 43 53.38 | 3.502 | 19 45 16.6 | 8.782 | (397.) |
| 1027 | 8 | 19 43 53.45 | 3.477 | 18 43 24.5 | 8.782 | (397.) |
| 1028 | 10 | 19 43 57.02 | 3.412 | 15 50 54.6 | 8.787 | (364.) |
| 1029 | 9. 10 | 19 44 16.37 | 3.447 | 17 24 39.0 | 8.812 | II. |
| 1030 | 8. 9 | 19 44 26.71 | 3.499 | 19 38 44.9 | 8.826 | (397.) |
| 1031 | 10 | 19 44 43.93 | 3.467 | 18 17 30.8 | 8.848 | (409.) |
| 1032 | 9 | 19 45 13.32 | 3.438 | 17 1 50.6 | 8.887 | III. |
| 1033 | 9 | 19 45 30.98 | 3.456 | 17 47 52.5 | 8.910 | (410.) |
| 1034 | 7. 8 | 10 45 47.37 | 3.490 | 19 19 16.4 | 8.931 | (409.) |
| 1035 | 9. 10 | 19 45 49.18 | 3.502 | 19 50 46.7 | 8.934 | (397.) |
| 1036 | 8 | 19 46 8.55 | 3.420 | 16 18 7.6 | 8.961 | IV. |
| 1037 | 8. 9 | 19 46 18.66 | 3.446 | 17 26 17.3 | 8.974 | V. |
| 1038 | 9 | 19 46 18.98 | 3.486 | 19 9 19.6 | 8.974 | (409.) |
| 1039 | 9 | 19 46 22.76 | 3.523 | 20 43 52.9 | 8.979 | (398.) |
| 1040 | 8 | 19 47 14.20 | 3.487 | 19 15 53.7 | 9.045 | (397.) |
| 1041 | 9 | 19 47 25.95 | 3.408 | 15 47 43.7 | 9.061 | VI. |
| 1042 | 9 | 19 47 48.94 | 3.429 | 16 45 53.5 | 9.091 | VII. |

I. (377) +0.05 +0.3; (378) -0.04 -0.3. II. (395) -0.06 +1.1; (410) +0.07 -1.1; III. (393) -0.20 -0.6; (395) +0.21 +0.6. IV. (393) +0.05 +0.5; (395) -0.14 -6.0; (410) +0.08 +5.6. V. (393) -0.02 -0.5; (410) +0.03 +0.5. VI. (377) +0.17 -1.8; (378) -0.02 +0.6; (410) -0.16 +1.2. VII. (393) -0.05 -0.2; (395) +0.06 +0.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1043 | 8 | 19 48 2.67 | + 3.414 | - 16 5 51.1 | + 9.109 | I. |
| 1044 | 8 | 19 48 8 81 | 3.460 | 18 8 18.0 | 9.117 | (397.) |
| 1045 | 8. 9 | 19 48 41.82 | 3 502 | 19 55 24.9 | 9.160 | (398.) |
| 1046 | 9. 10 | 19 48 52.51 | 3.444 | 17 28 49.6 | 9.174 | (410.) |
| 1047 | 9 | 19 49 4 22 | 3.408 | 15 51 3.8 | 9 188 | (393.) Ll. |
| 1048 | 8. 9 | 19 49 4.68 | 3.408 | 15 50 58 5 | 9.189 | II. Ll. |
| 1049 | 6. 7 | 19 49 26.40 | 3 409 | 15 53 6.7 | 9.217 | III. Ll. |
| 1050 | 9 | 19 49 32.68 | 3.460 | 19 1 1.1 | 9 226 | IV. |
| 1051 | 8 | 19 49 39.65 | 3.419 | 16 21 55.7 | 9.235 | (410.) |
| 1052 | 7. 8 | 19 49 54.32 | 3.474 | 18 46 59.8 | 9.253 | (397.) |
| 1053 | 8 | 19 50 14.14 | 3.513 | 20 29 11.6 | 9.279 | (398.) |
| 1054 | 8. 9 | 19 50 23.73 | 3.464 | 18 21 36.1 | 9.292 | (409.) |
| 1055 | 9 | 19 50 40.00 | 3.419 | 16 26 7.7 | 9.313 | V. |
| 1056 | 7. 8 | 19 50 59.82 | 3.515 | 20 36 50.4 | 9.338 | (398.) |
| 1057 | 9. 10 | 19 51 23.79 | 3.412 | 16 6 22.3 | 9.368 | (410.) |
| 1058 | 6 | 19 51 45.75 | 3.506 | 20 15 50 8 | 9.397 | (398.) Ll. |
| 1059 | 7 | 19 51 58.61 | 3.416 | 16 17 34.0 | 9.414 | VI. Ll. |
| 1060 | 8 | 19 52 2.40 | 3 470 | 18 41 43.4 | 9.418 | (409.) |
| 1061 | 10 | 19 52 16.65 | 3.412 | 16 7 49.3 | 9.437 | (410.) |
| 1062 | 10 | 19 52 42.72 | 3 372 | 14 21 46.7 | 9.470 | (333.) Ll. |
| 1063 | 9. 10 | 19 52 43.50 | 3 388 | 15 5 25.4 | 9.470 | (330.) |
| 1064 | 8. 9 | 19 52 52.08 | 3.389 | 15 8 3.8 | 9.482 | VII. |
| 1065 | 6. 7 | 19 52 56.19 | 3.436 | 17 16 30.9 | 9.487 | (393.) Ll. |
| 1066 | 8 | 19 53 14.64 | 3 452 | 17 57 37.5 | 9.511 | VIII. |
| 1067 | 8 | 19 54 2.01 | 3.414 | 16 17 16.6 | 9.572 | IX. Ll. |
| 1068 | 8 | 19 54 13.92 | 3.474 | 18 57 26.2 | 9.587 | (409.) |

I. (393) +0.14 -0.9; (395) -0.24 -0.3; (410) +0.11 +1.3. II. (377) -0.32 +0.3; (378) +0.32 -0.3. III. (364) +0.24 +2.6; (377) +0.06 —; (378) +0.12 -0 1; (393) -0.26 -0.2; (395) -0.15 -2.4. IV. (397) +0.12 +0.1; (409) -0.12 -0.2. V. (395) 0.00 -2.8; (410) +0.01 +2.8. VI. (393) +0.05 -2.2; (395) -0.20 -1.7; (410) +0.14 +3.9. VII. (330) +0.09 -1.5; (364) -0.08 +1.5. VIII. (397) +0.13 +0.2; (409) -0.13 -0.2. IX. (393) +0.04 -0.2; (395) -0.01 -2.7; (410) -0.02 +2.9.

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| 1069 | 9 | 19 54 16.30 | + 3.418 | - 16 28 39.4 | + 9.590 | (410.) |
| 1070 | 10 | 19 54 26.86 | 3.398 | 15 36 2.8 | 9.603 | I. |
| 1071 | 8 | 19 54 33.92 | 3.466 | 18 39 27.6 | 9.612 | II. |
| 1072 | 8 | 19 55 3.68 | 3.403 | 15 49 44.0 | 9.651 | III. Ll. |
| 1073 | 10 | 19 55 24.98 | 3.395 | 15 35 20.4 | 9.677 | (364.) |
| 1074 | 9. 10 | 19 55 49.58 | 3.413 | 16 19 54.6 | 9.710 | (410.) |
| 1075 | 9 | 19 55 50.29 | 3.408 | 16 5 30.9 | 9.710 | IV. |
| 1076 | 9 | 19 55 58.96 | 3.518 | 20 57 13.5 | 9.722 | V. |
| 1077 | 9 | 19 56 9.71 | 3.415 | 16 26 34.0 | 9.736 | (410.) |
| 1078 | 10 | 19 56 10.57 | 3.393 | 15 25 7.2 | 9.737 | (333.) |
| 1079 | 9 | 19 56 11.33 | 3.384 | 15 1 46.4 | 9.737 | VI. B. |
| 1080 | 8. 9 | 19 56 21.15 | 3.477 | 19 11 31.0 | 9.749 | VII. Ll. |
| 1081 | 10 | 19 56 32.05 | 3.476 | 19 7 45.6 | 9.764 | VIII. |
| 1082 | 9 | 19 56 53.63 | 3.407 | 16 4 53.6 | 9.791 | IX. |
| 1083 | 10 | 19 56 58.37 | 3.394 | 15 30 31.5 | 9.798 | (364.) |
| 1084 | 9 | 19 57 3.53 | 3.517 | 20 57 35.9 | 9.804 | (398.) |
| 1085 | 9 | 19 57 14.27 | 3.401 | 15 50 45.3 | 9.817 | (330.) |
| 1086 | 10 | 19 57 14.92 | 3.377 | 14 45 22.0 | 9.818 | X. |
| 1087 | 8. 9 | 19 57 16.13 | 3.409 | 16 10 32.7 | 9.820 | XI. Ll. |
| 1088 | 9 | 19 57 22.40 | 3.475 | 19 7 40.5 | 9.827 | XII. Ll. |
| 1089 | 7. 8 | 19 57 43.16 | 3.507 | 20 34 0.0 | 9.854 | (398.) |
| 1090 | 9 | 19 57 50.46 | 3.465 | 18 43 56.9 | 9.862 | XIII. Ll. |
| 1091 | 9 | 19 57 57.03 | 3.389 | 15 19 50.0 | 9.871 | XIV. |
| 1092 | 9 | 19 58 28.13 | 3.440 | 17 37 19.1 | 9.910 | XV. |

I. (333) +0.07 -1.2; (364) -0.07 +1.2. II. (397) +0.16 -1.9; (409) -0.16 +1.8. III. (330) +0.32 -2.0; (333) -0.09 -1.2; (377) 0.00 +2.2; (378) +0.10 +2.6; (393) -0.34 -1.7. IV. (393) -0.15 +4.2; (395) +0.15 -4.3. V. (398) -0.13 -0.4; (408) +0.14 +0.3. VI. (333) -0.15 +0.8; (377) +0.15 -0.9. VII. (397) +0.29 +0.1; (409) -0.29 -0.1. VIII. (397) +0.04 +0.1; (409) -0.04 -0.2. IX. (395) -0.30 -2.3; (410) +0.30 +2.3. X. (333) -0.05 -1.9; (377) +0.05 +1.8. XI. (393) -0.19 -3.1; (410) +0.19 +3.0. XII. (397) +0.09 -1.9; (409) -0.09 +1.9. XIII. (397) +0.04 -0.4; (409) -0.03 +0.3. XIV. (330) -0.02 -3.8; (378) +0.03 +3.8. XV. (395) -0.22 -2.5; (410) +0.22 +2.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1093 | 9. 10 | 19 58 32.70 | + 3.393 | - 15 30 38.1 | + 9.917 | (364.) |
| 1094 | 10 | 19 58 33.11 | 3.380 | 14 54 1.3 | 9.917 | (377.) |
| 1095 | 10 | 19 58 58.06 | 3.396 | 15 41 30 5 | 9.948 | (330.) |
| 1096 | 7. 8 | 19 59 1.81 | 3.500 | 20 12 18.5 | 9.954 | (398.) |
| 1097 | 8 | 19 59 24.79 | 3.411 | 16 20 41.1 | 9.982 | (393.) |
| 1098 | 7 | 19 59 32.57 | 3.475 | 19 14 0.6 | 9.993 | I. |
| 1099 | 7. 8 | 20 0 1.18 | 3.390 | 15 27 24.4 | 10.028 | II. Ll. |
| 1100 | 9 | 20 0 1.77 | 3.405 | 16 8 39.6 | 10.029 | (395.) |
| 1101 | 8 | 20 0 3.19 | 3.491 | 19 57 15.4 | 10.034 | (398.) |
| 1102 | 9 | 20 0 35 63 | 3 487 | 19 50 49.4 | 10.072 | III. |
| 1103 | 8 | 20 1 3.46 | 3.463 | 18 46 52.1 | 10.107 | (397) Ll. |
| 1104 | 9 | 20 1 17.98 | 3 435 | 17 32 39.7 | 10.125 | (393.) |
| 1105 | 10 | 20 1 20.71 | 3.508 | 20 49 32.6 | 10.129 | (408.) |
| 1106 | 10 | 20 1 38.67 | 3.511 | 20 54 51.0 | 10.151 | (408.) |
| 1107 | 7. 8 | 20 1 43.47 | 3.485 | 19 48 56.0 | 10.157 | IV. Ll. |
| 1108 | 5. 6 | 20 2 25.95 | 3.504 | 20 42 19.3 | 10.210 | (396.) |
| 1109 | 8. 9 | 20 2 35.11 | 3.431 | 17 24 23.9 | 10.221 | V. |
| 1110 | 10 | 20 2 49.12 | 3.399 | 15 56 7.7 | 10.239 | (410.) |
| 1111 | 7 | 20 2 50.87 | 3.506 | 20 39 26.8 | 10.241 | (398.) |
| 1112 | 9. 10 | 20 3 8.07 | 3.506 | 20 40 18.4 | 10.263 | (408.) |
| 1113 | 10 | 20 3 37.04 | 3.427 | 17 18 9.8 | 10.298 | VI. |
| 1114 | 8. 9 | 20 3 37.33 | 3.456 | 18 35 9.9 | 10.298 | (409.) |
| 1115 | 10 | 20 4 18.08 | 3.397 | 15 54 26.6 | 10.340 | (393.) |
| 1116 | 9. 10 | 20 4 39.43 | 3.494 | 20 20 1.2 | 10.376 | (408.) |
| 1117 | 8 | 20 4 42.12 | 3.427 | 17 19 33.8 | 10.380 | VII. |
| 1118 | 10 | 20 4 57.11 | 3.358 | 14 7 32.7 | 10.398 | (333.) |
| 1119 | 8. 9 | 20 4 57.63 | 3.395 | 15 51 34.1 | 10.400 | VIII. |

**I.** (397) +0.10 +0.1; (409) -0.10 -0.1. **II.** (330) +0.39 -4.4; (333) +0.09 -1.7; (377) -0.10 +3.8; (378) -0.36 +2.3. **III.** (398) -0.02 -1.1; (409) +0.02 +1.0. **IV.** (397) +0.07 -1.1; (398) 0.00 —; (409) -0.06 +1.0. **V.** (393) -0.07 0.0; (395) +0.15 0.0; (410) +0.02 —. **VI.** (395) +0.31 -3.5; (410) -0.31 +3.4. **VII.** (395) +0.07 +0.5.; (410) -0.06 -0.6. **VIII.** (330) -0.02 +3.8; (393) +0.03 -3.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1120 | 9. 10 | 20 5 22.66 | + 3.444 | - 18 7 28.5 | + 10.432 | (409.) |
| 1121 | 8 | 20 5 26.17 | 3.422 | 17 6 55.7 | 10.435 | I. Ll. |
| 1122 | 9. 10 | 20 5 26.29 | 3.502 | 20 41 17.1 | 10.435 | (408.) |
| 1123 | 9. 10 | 20 5 47.74 | 3.420 | 17 3 30.0 | 10.463 | (410.) |
| 1124 | 9 | 20 5 50.50 | 3.453 | 18 32 41.4 | 10.465 | (409.) |
| 1125 | 8 | 20 6 2.17 | 3.478 | 19 39 25.7 | 10.480 | (397.) Ll. |
| 1126 | 9 | 20 6 21.13 | 3.423 | 17 12 1.4 | 10.504 | (410.) |
| 1127 | 9. 10 | 20 6 37.94 | 3.506 | 20 56 50.3 | 10.525 | (398.) |
| 1128 | 7. 8 | 20 6 40 24 | 3.424 | 17 18 4.9 | 10.528 | (410.) Ll. |
| 1129 | 9 | 20 6 57.12 | 3.393 | 15 50 0.1 | 10.548 | (377.) |
| 1130 | 8. 9 | 20 6 57.31 | 3.380 | 15 13 51.4 | 10.548 | (330.) |
| 1131 | 8. 9 | 20 7 1.03 | 3.403 | 16 18 38.3 | 10.554 | (395.) |
| 1132 | 9 | 20 7 2.59 | 3.470 | 19 21 49.0 | 10.557 | II. |
| 1133 | 10 | 20 7 11.38 | 3.382 | 15 20 31.5 | 10.566 | (330.) |
| 1134 | 8 | 20 7 31.58 | 3.412 | 16 44 57.2 | 10.592 | (395.) Ll. |
| 1135 | 8 | 20 7 32.32 | 3.494 | 20 28 38.2 | 10.592 | III. |
| 1136 | 10 | 20 7 47.29 | 3.496 | 20 32 37.9 | 10.610 | (408.) |
| 1137 | 9 | 20 7 48.85 | 3.424 | 17 18 54.8 | 10.613 | (410.) |
| 1138 | 8. 9 | 20 8 18.70 | 3.387 | 15 38 19.2 | 10.650 | IV. |
| 1139 | 7 | 20 8 22.20 | 3.458 | 18 53 21.5 | 10.654 | V. Ll. |
| 1140 | 8 | 20 8 33.12 | 3.491 | 20 25 [illegible] | 10.668 | VI. |
| 1141 | 8 | 20 8 35.64 | 3.426 | 17 26 10.2 | 10.671 | (410.) |
| 1142 | 8 | 20 8 57.29 | 3.401 | 16 16 56.9 | 10.697 | (395.) |
| 1143 | 10 | 20 9 20.98 | 3.453 | 18 40 15.4 | 10.727 | (409.) |
| 1144 | 8 | 20 9 23.33 | 3.454 | 18 43 27.6 | 10.730 | VII. Ll. |
| 1145 | 10 | 20 9 37.47 | 3.409 | 16 48 11.9 | 10.746 | VIII. |
| 1146 | 9 | 20 9 53.65 | 3.485 | 20 9 30.3 | 10.768 | IX. |

I. (395) +0.02 -0.5; (410) -0.01 +0.4. II. (397) +0.14 -1.1; (409) -0.14 +1.0.
III. (398) -0.12 -2 7; (408) +0.12 +2.7. IV. (330) +0.41 +0.5; (378) -0.41 -0.6.
V. (397) +0.17 0.0; (408) -0.17 -0.1. VI. (370) -0.09 -6.6; (408) +0.09 +6.6.
VII. (397) +0.12 +1.0; (409) -0.12 -1.0. VIII. (395) -0.14 -3.9; (410) +0.14 +3.9;
IX. (398) -0.16 -1.0; (408) +0.17 +1.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1147 | 9. 10 | 20 9 56.58 | + 3.379 | - 15 18 31.0 | + 10.771 | I. |
| 1148 | 9. 10 | 20 10 8.05 | 3.454 | 18 47 11.8 | 10.785 | (409.) |
| 1149 | 8 | 20 10 8.24 | 3.444 | 18 19 14.5 | 10.785 | (397.) Ll. |
| 1150 | 8 | 20 10 27.59 | 3.400 | 16 19 16.8 | 10.808 | (395.) |
| 1151 | 9. 10 | 20 10 37.16 | 3.481 | 20 2 14.3 | 10.820 | II. |
| 1152 | 10 | 20 10 54.30 | 3.383 | 15 32 33.8 | 10.842 | (330.) |
| 1153 | 10 | 20 11 4.84 | 3.404 | 16 32 3.9 | 10.855 | (410.) |
| 1154 | 8. 9 | 20 11 8.93 | 3.435 | 17 57 15.6 | 10.860 | (397.) |
| 1155 | 9 | 20 11 26.79 | 3.382 | 15 29 2.5 | 10.882 | (330.) |
| 1156 | 10 | 20 11 40.74 | 3.383 | 15 33 13.5 | 10.999 | (330.) |
| 1157 | 9 | 20 11 43.79 | 3.393 | 16 3 59.2 | 10.903 | III. |
| 1158 | 6 | 20 11 46.99 | 3.481 | 20 6 46.7 | 10.906 | IV. Ll. |
| 1159 | 9 | 20 12 15.88 | 3.481 | 20 6 35.2 | 10.942 | V. |
| 1160 | 7. 8 | 20 12 16.68 | 3.448 | 18 37 29.7 | 10.943 | (397.) |
| 1161 | 8 | 20 12 20.79 | 3.376 | 15 15 13.9 | 10.949 | (330.) Ll. R. |
| 1162 | 10 | 20 12 24.96 | 3.391 | 15 57 44.5 | 10.954 | VI. |
| 1163 | 8 | 20 12 31.52 | 3.390 | 15 53 53.6 | 10.961 | (395.) |
| 1164 | 6 | 20 12 34.75 | 3.376 | 15 15 1.8 | 10.966 | (330.) Ll. R. |
| 1165 | 9 | 20 12 39.64 | 3.456 | 19 1 31.6 | 10.972 | (397.) |
| 1166 | 10 | 20 12 46.02 | 3.376 | 15 17 40.8 | 10.979 | (378.) |
| 1167 | 8. 9 | 20 13 44.06 | 3.458 | 19 9 39.2 | 11.051 | (397.) |
| 1168 | 8 | 20 13 44.83 | 3.392 | 16 5 52.9 | 11.052 | VII. |
| 1169 | 9 | 20 13 45.52 | 3.482 | 20 15 11.4 | 11.053 | VIII. |
| 1170 | 8 | 20 13 53.23 | 3.397 | 16 18 5.5 | 11.061 | (410.) Ll. |
| 1171 | 10 | 20 14 10.98 | 3.371 | 15 4 49.4 | 11.082 | (377.) B. |
| 1172 | 10 | 20 14 19.48 | 3.476 | 20 0 10.6 | 11.092 | (398.) |
| 1173 | 7. 8 | 20 14 31.57 | 3.450 | 18 49 1.3 | 11.106 | (397.) Ll. |

I. (330) +0.10 +0.2; (378) -0.09 -0.3. II. (398) -0.07 0.0; (408) +0.07 -0.1.
III. (395) +0.11 -2.3; (410) -0.10 +2.3. IV. (398) -0.01 —; (408) +0.01 0.0.
V. (398) 0.00 -0.5; (408) 0.00 +0.5. VI. (395) +0.08 -1.4; (410) -0.08 +1.3.
VII. 395) +0.09 -3.4; (410) -0.09 +3.3. VIII. (398) -0.06 -2.1; (408) +0.07 +2.1.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1174 | 8 | 20 14 43.68 | + 3.395 | - 16 15 59.1 | 11.122 | I. Ll. |
| 1175 | 8. 9 | 20 14 57.89 | 3.447 | 18 41 36.7 | 11.140 | (397.) |
| 1176 | 10 | 20 15 20.24 | 3.425 | 17 45 17.5 | 11.166 | (410.) |
| 1177 | 9 | 20 15 45.56 | 3.472 | 19 54 53.8 | 11.197 | (398.) |
| 1178 | 8. 9 | 20 15 59.63 | 3.420 | 17 29 29.3 | 11.214 | (395.) Ll. R. |
| 1179 | 9 | 20 16 15.93 | 3.485 | 20 29 34.3 | 11.234 | (408.) |
| 1180 | 6 | 20 16 24.37 | 3.472 | 19 54 59.3 | 11.244 | II. Ll. |
| 1181 | 9 | 20 16 49.06 | 3.405 | 16 50 58.3 | 11.274 | (395.) |
| 1182 | 9. 10 | 20 16 53.60 | 3.373 | 15 18 6.2 | 11.280 | III. Ll. |
| 1183 | 10 | 20 17 15.38 | 3.477 | 20 12 11.4 | 11.305 | (408.) |
| 1184 | 8. 9 | 20 17 38.85 | 3.377 | 15 37 56.5 | 11.334 | (378.) Ll. |
| 1185 | 7 | 20 17 58.80 | 3.426 | 17 51 46.5 | 12.358 | (410.) |
| 1186 | 8 | 20 18 23.06 | 3.471 | 20 2 0.2 | 12.387 | (398.) |
| 1187 | 10 | 20 18 24.78 | 3.479 | 20 20 17.0 | 12.389 | (408.) |
| 1188 | 9 | 20 18 35.50 | 3.419 | 17 35 13.3 | 12.402 | (410.) |
| 1189 | 9 | 20 18 39.02 | 3.370 | 15 16 16.8 | 12.406 | IV. |
| 1190 | 8 | 20 19 21.69 | 3.487 | 20 47 41.4 | 12.457 | (398.) |
| 1191 | 9 | 20 19 39.05 | 3.488 | 20 51 5.4 | 13.478 | V. |
| 1192 | 6 | 20 20 15.85 | 5.390 | 16 14 1.2 | 13.522 | (410.) |
| 1193 | 5 | 20 20 17.87 | 3.432 | 18 18 23.3 | 13.525 | VI. Ll. R. |
| 1194 | 7 | 20 20 26.42 | 3.434 | 18 21 50.6 | 13.534 | (397.) Ll. R. |
| 1195 | 9. 10 | 20 20 37.32 | 3.374 | 15 33 10.4 | 13.547 | (333.) |
| 1196 | 8 | 20 21 15.97 | 3.448 | 19 4 41.4 | 14.594 | (409.) Ll. R. |
| 1197 | 7. 8 | 20 21 17.34 | 3.448 | 19 4 33.4 | 14.595 | (409.) Ll. R. |
| 1198 | 10 | 20 21 39.95 | 3.397 | 16 43 47.1 | 14.622 | (410.) |
| 1199 | 9. 10 | 20 21 52.89 | 3.422 | 17 52 44.8 | 14.638 | VII. |
| 1200 | 10 | 20 21 58.93 | 3.398 | 16 46 9.1 | 15.645 | (410.) |

I. (395) +0.01 -2.9; (410) -0.01 +2.9. II. (397) +0.14 -4.1; (398) -0.16 -0.4; (408) +0.03 +4.4. III. (330) +0.29 +0.6; (378) -0.28 -0.7. IV. (330) +0.01 +0.7; (378) -0.01 -0.7. V. (398) -0.14 -1.4; (408) +0.14 +1.4. VI. (397) +0.25 -2.6; (409) -0.24 +2.5. VII. (395) -0.10 +0.7; (397) +0.10 -0.8.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1201 | 7. 8 | 20 22 39.78 | + 3.373 | - 15 53 12.8 | + 11.693 | I. |
| 1202 | 9 | 20 22 40.21 | 3.435 | 18 35 10.9 | 11.693 | II. |
| 1203 | 10 | 20 22 41.46 | 3.472 | 20 17 55.5 | 11.694 | (398.) |
| 1204 | 8 | 20 22 48.91 | 3.414 | 17 38 25.8 | 11.704 | (395.) |
| 1205 | 10 | 20 23 17.48 | 3.371 | 15 30 2.7 | 11.739 | III. |
| 1206 | 8. 9 | 20 23 44.28 | 3.412 | 17 30 22.2 | 11.769 | (395.) |
| 1207 | 8. 9 | 20 23 47.44 | 3.393 | 16 38 5.4 | 11.772 | (410.) |
| 1208 | 8 | 20 24 1.38 | 3.403 | 17 6 48.3 | 11.789 | (395.) Ll. R. |
| 1209 | 8. 9 | 20 24 6.62 | 3.476 | 20 34 28.2 | 11.796 | (398.) |
| 1210 | 9 | 20 24 25.21 | 3.460 | 19 48 37.5 | 11.817 | IV. |
| 1211 | 9 | 20 24 36.93 | 3.391 | 16 31 53.9 | 11.831 | (410.) Ll. |
| 1212 | 9. 10 | 20 24 55.71 | 3.382 | 16 6 24.0 | 11.854 | (410.) |
| 1213 | 9 | 20 25 32.65 | 3.458 | 19 47 46.5 | 11.898 | V. Ll. |
| 1214 | 8 | 20 25 49.65 | 3.460 | 19 54 21.9 | 11.917 | VI. Ll. |
| 1215 | 9. 10 | 20 25 56.11 | 3.375 | 15 53 44.9 | 11.924 | (410.) |
| 1216 | 8. 9 | 20 25 57.59 | 3.379 | 16 0 4.4 | 11.927 | (410.) |
| 1217 | 10 | 20 26 2.39 | 3.366 | 15 23 16.2 | 11.931 | (330.) |
| 1218 | 10 | 20 26 4.14 | 3.408 | 17 25 36.5 | 11.934 | (395.) |
| 1219 | 9 | 20 26 42.88 | 3.463 | 20 7 41.8 | 11.980 | (398.) |
| 1220 | 6 | 20 27 2.46 | 3.399 | 17 2 15.0 | 12.001 | VII. Ll. R. |
| 1221 | 9 | 20 27 6.18 | 3.452 | 19 35 52.2 | 12.006 | VIII. Ll. |
| 1222 | 6. 7 | 20 27 44.91 | 3.461 | 20 5 59.3 | 12.052 | IX. Ll. |
| 1223 | 10 | 20 28 21.02 | 3.408 | 17 31 51.5 | 12.093 | (395.) |
| 1224 | 10 | 20 28 46.30 | 3.421 | 18 16 45.0 | 12.123 | (409.) |
| 1225 | 10 | 20 28 51.05 | 3.422 | 18 17 55.6 | 12 128 | (397.) |
| 1226 | 9 | 20 28 54.22 | 3.390 | 16 42 46.3 | 12.132 | (410.) |

I. (330) +0.08 -2.5; (333) +0.26 +2.1. (377) +0.12 +2.0; (378) -0.45 -1.5. II. (330) -0.33 -1.4; (333) +0.16 +0.2; (377) +0.17 +1.1. III. (397) +0.23 -3.2; (409) -0.23 +3.2. IV. (397) +0.20 +0.8; (409) -0.20 -0.9. V. (397) +0.15 0.0; (398) -0.20 -0.4; (408) +0.21 +0.5; (409) -0.14 —. VI. (395) +0.02 -0.5; (410) -0.01 +0.4. VII. (397) +0.07 -0.2; (409) -0.06 +0.2. VIII. (398) +0.03 -1.1. (408) -0.03 +1.1.

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|---|---|---|---|---|---|---|
| | | h ´ ″ | ″ | ° ´ ″ | ″ | |
| 1227 | 8 | 20 28 56.79 | 3.369 | - 15 39 44.8 | + 12.135 | I. R. |
| 1228 | 8 | 20 29 18.41 | 3.408 | 17 38 28.8 | 12.161 | (395.) Ll. |
| 1229 | 9. 10 | 20 29 30.09 | 3.374 | 16 0 36.9 | 12.174 | (410.) |
| 1230 | 8 | 20 29 38.95 | 3.458 | 20 4 52.0 | 12.185 | (398.) |
| 1231 | 9 | 20 29 53.17 | 3.439 | 19 9 47.1 | 12.201 | II. Ll. |
| 1232 | 8. 9 | 20 30 12.42 | 3.406 | 17 35 20.6 | 12.222 | (395.) |
| 1233 | 9 | 20 30 18.98 | 3.384 | 16 28 59.8 | 12.231 | (410.) |
| 1234 | 10 | 20 30 22.74 | 3.356 | 15 4 32.0 | 12.236 | (333.) |
| 1235 | 9. 10 | 20 30 27.12 | 3.381 | 16 20 55.2 | 12.240 | (410.) |
| 1236 | 9. 10 | 20 30 30.80 | 3.358 | 15 13 13.3 | 12.244 | III. |
| 1237 | 8. 9 | 20 30 37.79 | 3.364 | 15 28 55.4 | 12.253 | (338.) |
| 1238 | 8 | 20 30 38.85 | 3.450 | 19 48 3.6 | 12.254 | IV. Ll. |
| 1239 | 7 | 20 30 53.22 | 3.363 | 15 28 35.1 | 12.270 | V. Ll. B. |
| 1240 | 9. 10 | 20 30 55.13 | 3.459 | 20 11 41.0 | 12.272 | VI. |
| 1241 | 9. 10 | 20 31 9.64 | 3.363 | 15 29 55.1 | 12.289 | VII. Ll. |
| 1242 | 6 | 20 31 29.98 | 3.427 | 18 39 47.8 | 12.312 | (409.) Ll. R. |
| 1243 | 9 | 20 32 3.00 | 3.371 | 15 54 22.1 | 12.351 | VIII. B. |
| 1244 | 6 | 20 32 6.39 | 3.385 | 16 39 21.0 | 12.354 | (395.) Ll. |
| 1245 | 10 | 20 32 12.75 | 3.371 | 15 56 52.2 | 12.362 | (410.) B. |
| 1246 | 8. 9 | 20 32 14.08 | 3.439 | 19 18 8.1 | 12.363 | (397.) Ll. |
| 1247 | 9 | 20 32 25.41 | 3.419 | 18 19 27.3 | 12.376 | (397.) |
| 1248 | 9 | 20 32 38.02 | 3.352 | 25 2 23.5 | 12.391 | IX. |
| 1249 | 9. 10 | 20 32 44.10 | 3.366 | 15 41 0.2 | 12.398 | (338.) |
| 1250 | 9 | 20 32 48.29 | 3.396 | 17 13 21.6 | 12.403 | (410.) |
| 1251 | 9 | 20 33 34.05 | 3.448 | 19 50 0.6 | 12.455 | (398.) |

I. (333) -0.12 +0.6; (377) 0.00 -0.1; (378) +0.11 -0.6. II. (397) +0.05 -1.7; (409) -0.04 +1.7. III. (330) +0.25 -5.5; (333) -0.17 +3.0; (338) -0.09 +2.5; IV. (397) +0.05 +0.9; (398) -0.11 -3.3; (408) +0.05 +2.5. V. (330) -0.04 0.0; (377) +0.06 -0.8; (378) -0.01 +0.7. VI. (398) -0.13 -1.6; (408) +0.14 +1.6. VII. (330) +0.08 -0.9; (333) +0.06 -0.4; (338) -0.28 +2.0; (377) +0.13 -0.9. VIII. (338) +0.03—; (410) -0.02 0.0. IX. (330) +0.47 -0.4; (338) -0.29 -0.5; (378) -0.18 +0.8.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1252 | 9 | 20 33 43.79 | + 3.403 | - 17 36 38.1 | + 12.467 | (395.) |
| 1153 | 7 | 20 34 7.20 | 3.423 | 18 38 34.4 | 12.493 | I. Ll. |
| 1254 | 8 | 20 34 13.68 | 3.374 | 16 12 13.0 | 12.501 | (410.) |
| 1255 | 8 | 20 34 20.92 | 3.451 | 20 1 18.9 | 12.509 | (398.) |
| 1256 | 10 | 20 34 26.53 | 3.466 | 20 45 28.3 | 12.516 | (408.) |
| 1257 | 9 | 20 34 39.27 | 3.372 | 16 8 22.7 | 12.530 | (410.) |
| 1258 | 9 | 20 35 10.41 | 3.364 | 15 43 19.2 | 12.565 | II. B R. |
| 1259 | 7. 8 | 20 35 19.40 | 3.445 | 19 52 41.0 | 12.575 | III. Ll. |
| 1260 | 9. 10 | 20 35 24.04 | 3.376 | 16 20 50 8 | 12.581 | IV. |
| 1261 | 10 | 20 35 34.04 | 3.359 | 15 30 53.2 | 12.592 | V. B. |
| 1262 | 9 | 20 36 0.71 | 3.440 | 19 34 59.9 | 12.622 | (397.) |
| 1263 | 9. 10 | 20 36 1.67 | 3.359 | 15 34 54 4 | 12.623 | VI. B. |
| 1264 | 9 | 20 36 22.71 | 3.357 | 15 29 53 8 | 12.648 | VII. B. |
| 1265 | 10 | 20 36 26.40 | 3.386 | 16 53 18.2 | 12.651 | (410.) |
| 1266 | 9. 10 | 20 36 48.09 | 3.378 | 16 34 32.2 | 12.676 | (410.) |
| 1667 | 7. 8 | 20 36 49.09 | 3.374 | 16 20 12.9 | 12.677 | (395.) |
| 1268 | 9 | 20 36 51.38 | 3.374 | 16 19 37.9 | 12.679 | (395.) |
| 1269 | 10 | 20 36 56.07 | 3 446 | 19 35 40.4 | 12.685 | (409.) |
| 1270 | 8. 9 | 20 37 0.01 | 3.358 | 15 34 32.6 | 12.689 | VIII. B. |
| 1271 | 9 | 20 37 31.34 | 3.440 | 19 40 44.4 | 12.724 | IX. Ll. |
| 1272 | 9 | 20 37 48.99 | 3.352 | 15 16 15.4 | 12.745 | (333.) B. |
| 1273 | 8 | 20 37 54.45 | 3.433 | 19 21 6.6 | 12.751 | (397.) |
| 1274 | 9 | 20 38 2.46 | 3.446 | 19 58 52.1 | 12.759 | (408.) Ll. |
| 1275 | 9 | 20 38 3.65 | 3.391 | 17 14 30.7 | 12.762 | X. |
| 1276 | 10 | 20 38 46.47 | 3.348 | 15 6 34.9 | 12.809 | (333.) |

I. (397) +0.01 -2.2; (409) 0.00 +2.2. II. (333) -0.04 -2.5; (338) -0.14 -2.2; (377) +0.23 +1.5; (378) -0.08 0.0. III. (397) +0.34 -0.5; (398) -0.08 -0.8; (408) -0.09 +2.1; (409) -0.17 -1.0. IV. (395) +0.08 -2.4; (410) -0.08 +2.3. V. (333) +0.28 +0.8; (338) -0.28 -0.8. VI. (330) +0.07 +0.5; (333) +0.05 -0.9; (338) -0.12 +0.5. VII. (330) +0.04 +0.2; (333) +0.01 -0.3; (338) -0.05 +0.1. VIII. (330) -0.07 -1.0; (333) +0.11 +0.5; (338) -0.06 +0.9; (377) +0.01 -0.3; IX. (397) +0.16 -2.8; (409) -0.16 +2.7. X. (395) -0.29 -1.0; (410) +0.30 +0.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1277 | 8 | 20 38 49.71 | + 3.428 | - 19 9 55.3 | + 12.813 | I. |
| 1278 | 8 | 20 39 2.99 | 3.369 | 16 9 42.7 | 12.828 | (395.) |
| 1279 | 9 | 20 39 30.70 | 3.384 | 17 0 39.7 | 12.858 | (410.) |
| 1280 | 8 | 20 39 38.48 | 3.439 | 19 48 25 9 | 12.867 | (408.) Ll. |
| 1281 | 8 | 20 39 41.45 | 3.382 | 16 53 39.1 | 12.869 | II. R. |
| 1282 | 6 | 20 39 46.58 | 3.385 | 17 4 0.9 | 12 876 | (410.) |
| 1283 | 8. 9 | 20 39 52.98 | 3.418 | 18 44 55.2 | 12.884 | III. Ll. } Doppelst. |
| 1284 | 8 | 20 39 54.21 | 3.418 | 18 45 3.2 | 12.885 | IV. Ll. } |
| 1285 | 9 10 | 20 40 6.19 | 3.354 | 15 27 17.9 | 12.897 | V. B. |
| 1286 | 10 | 20 40 7.96 | 3.444 | 20 1 45.1 | 12.899 | (408.) |
| 1287 | 10 | 20 40 42.74 | 3.345 | 15 1 57.2 | 12.938 | (333.) |
| 1288 | 8. 9 | 20 40 48.03 | 3.417 | 18 46 16.3 | 12.943 | (397.) Ll. |
| 1289 | 10 | 20 40 47.96 | 3.346 | 15 5 21.3 | 12.944 | (333.) |
| 1290 | 10 | 20 41 39.54 | 3.383 | 17 6 10.8 | 13.002 | (410.) |
| 1291 | 8. 9 | 20 42 11.74 | 3.363 | 16 3 58.9 | 13.038 | (395.) Ll. |
| 1292 | 9 | 20 42 16.26 | 3.349 | 15 21 16.3 | 13.042 | (333.) |
| 1293 | 10 | 20 42 17.54 | 3.416 | 18 47 15.8 | 13.044 | (409.) |
| 1294 | 8. 9 | 20 42 29.05 | 3.357 | 15 45 18.7 | 13.056 | VI. |
| 1295 | 8. 9 | 20 42 39.97 | 3.380 | 16 58 18.0 | 13.069 | VII. R. |
| 1296 | 8. 9 | 20 43 1.23 | 3.401 | 16 3 42.2 | 13.092 | (409.) Ll. R. |
| 1297 | 10 | 20 43 30.08 | 3.381 | 17 4 19.3 | 13.124 | (410.) |
| 1298 | 8. 9 | 20 43 40.79 | 3.442 | 20 12 8.7 | 13.136 | (408.) Ll. |
| 1299 | 8 | 20 44 24.54 | 3.373 | 16 43 28 7 | 13.184 | (410.) Ll. |
| 1300 | 9 | 20 44 27.85 | 3.400 | 18 7 6.2 | 13.187 | (409.) |
| 1301 | 10 | 20 44 29 36 | 3.373 | 16 43 30.5 | 13.188 | (395.) Ll. |
| 1302 | 7. 8 | 20 44 58.73 | 3.430 | 19 40 33.6 | 13.221 | (409.) Ll. |
| 1303 | 8. 9 | 20 45 14.51 | 3.386 | 17 26 46.7 | 13.239 | (410.) |

I. (397) +0.04 -2.3; (409) -0.03 +2.2. II. (395) -0.19 -4.0; (410) +0.20 +3.9. III. (397) +0.12 -0.3; (409) -0.11 +0.2. IV. (397) +0.03 -2.3; (409) -0.02 +2.2. V. (333) +0.03 +1.9; (338) -0.03 -2.0. VI. (333) +0.02 +0.4; (338) -0.02 -0.4. VII. (395) +0.12 -1.9; (410) -0.12 +1.9.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1304 | 10 | 20 45 17.20 | + 3.393 | - 17 47 59.3 | + 13.241 | (395.) |
| 1305 | 8 | 20 45 32.64 | 3.427 | 19 33 33.0 | 13.259 | (409.) Ll. |
| 1306 | 7 | 20 46 13.86 | 3.422 | 19 21 32.9 | 13.304 | (409.) Ll. |
| 1307 | 8. 9 | 20 46 34.08 | 3.354 | 15 50 55.7 | 13.325 | I. Ll. |
| 1308 | 10 | 20 47 4.10 | 3.438 | 20 13 9.2 | 13.356 | (408.) |
| 1309 | 9 | 20 47 8.94 | 3.341 | 15 10 57.5 | 13.363 | II. R. |
| 1310 | 8 | 20 47 12.74 | 3.416 | 19 8 56.8 | 13.368 | (409.) Ll. |
| 1311 | 7 | 29 47 19.88 | 3.388 | 17 40 48.4 | 13.375 | (410.) Ll. |
| 1312 | 9 | 20 47 32.62 | 3.431 | 19 36 9.9 | 13.389 | (409.) |
| 1313 | 8 | 20 47 42.07 | 3.390 | 17 48 47.9 | 13.399 | (410.) Ll. |
| 1314 | 10 | 20 48 54.43 | 3.345 | 15 30 58.3 | 13.478 | (338.) |
| 1315 | 10 | 20 49 2.35 | 3.373 | 17 1 10.3 | 13.486 | (410.) |
| 1316 | 9. 10 | 20 49 21.16 | 3.443 | 20 38 39.5 | 13.506 | (408.) |
| 1317 | 9. 10 | 20 49 38.52 | 3.372 | 17 0 38.2 | 13.525 | (410.) R. |
| 1318 | 9 | 20 49 42.08 | 3.348 | 15 43 10.1 | 13.529 | III. |
| 1319 | 7. 8 | 20 50 23.19 | 3.335 | 15 3 30.9 | 13.573 | IV. Ll. B. |
| 1320 | 8. 9 | 20 50 30.65 | 3.418 | 19 29 22.0 | 13.582 | (409.) Ll. |
| 1321 | 8. 9 | 20 50 33.07 | 3.357 | 16 17 34.0 | 13.584 | (410.) |
| 1322 | 8. 9 | 20 50 34.55 | 3.356 | 16 12 21.6 | 13.586 | (410.) |
| 1323 | 7 | 20 51 4.03 | 3.420 | 19 36 44.0 | 13.617 | (409.) Ll. R. |
| 1324 | 10 | 20 51 27.95 | 3.438 | 20 33 33.7 | 13.642 | (408.) |
| 1325 | 9 | 20 51 32.84 | 3.384 | 17 52 10.7 | 13.648 | (410.) |
| 1326 | 9. 10 | 20 52 20.28 | 3.435 | 20 29 56.2 | 13.698 | (408.) Ll. |
| 1327 | 8. 9 | 20 52 23.22 | 3.358 | 16 24 55.4 | 13.701 | (410.) |
| 1328 | 7 | 20 52 24.57 | 3.390 | 18 6 45.1 | 13.703 | (409.) Ll. R. |
| 1329 | 7 | 20 53 11.88 | 3.368 | 17 1 13.7 | 13.754 | (410.) Ll. |
| 1330 | 10 | 20 53 17.90 | 3.443 | 20 57 11.7 | 13.760 | (408.) |
| 1331 | 9 | 20 53 19.11 | 3.337 | 15 17 45.1 | 13.761 | V. B. |

I. 338) +0.04 [-20.1]; (410) -0.04 0.0. II. (333) +0.11 +1.7; (338) -0.10 -1.8. III. (333) -0.34 +1.1; (338) +0.26 -1.4; (377) +0.08 +0.2. IV. (333) -0.10 +0.1; (338) 0.00 -2.3; (377) +0.11 +2.2. V. (333) +0.10 +0.7; (338) -0.09 -0.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1332 | 10 | 20 53 24.60 | + 3.401 | - 18 44 24.9 | + 13.767 | (409.) |
| 1333 | 10 | 20 53 42 69 | 3.441 | 20 55 14.5 | 13.787 | (408.) |
| 1334 | 7. 8 | 20 54 13.37 | 3.349 | 16 3 29.5 | 13.818 | (410.) Ll. |
| 1335 | 10 | 20 54 46.97 | 3.428 | 20 18 41.7 | 13.854 | (408.) |
| 1336 | 8 | 20 54 53.08 | 3.385 | 18 3 26.4 | 13.860 | (409.) Ll. |
| 1337 | 10 | 20 54 53.96 | 3.337 | 15 25 14.0 | 13.861 | I. Ll. |
| 1338 | 9. 10 | 20 55 17.86 | 3.426 | 20 12 28.1 | 13.887 | (408.) Ll. |
| 1339 | 9. 10 | 20 55 28.29 | 3.379 | 17 46 0.6 | 13.892 | (410.) |
| 1340 | 10 | 20 55 26.77 | 3.383 | 17 57 51.9 | 13.896 | (409.) R. |
| 1341 | 6 | 20 55 51.54 | 3.429 | 20 26 42.4 | 13.923 | (408.) Ll. R. |
| 1342 | 7 | 20 56 25.68 | 3.378 | 17 45 21.4 | 13.958 | (410.) Ll. |
| 1343 | 8. 9 | 20 56 38.61 | 3.330 | 15 8 10.9 | 13.971 | II. B. R. |
| 1344 | 10 | 20 56 40.01 | 3.433 | 20 42 20.9 | 13.973 | (408.) |
| 1345 | 9 | 20 56 19.35 | 3.336 | 15 29 56.5 | 14.013 | III. Ll. B. |
| 1346 | 8 | 20 57 30.27 | 3 377 | 17 49 30.3 | 14.025 | IV. Ll. R. |
| 1347 | 7. 8 | 20 58 52 28 | 3.361 | 17 1 13.0 | 14.111 | (410.) |
| 1348 | 7 | 20 59 18.47 | 3 380 | 18 3 13.8 | 14.137 | (409.) |
| 1349 | 8 | 20 59 49.23 | 3.366 | 17 19 34.2 | 14.169 | (410.) |
| 1350 | 9. 10 | 21 0 20.90 | 3.402 | 19 19 44.8 | 14.203 | (409.) |
| 1351 | 10 | 21 0 27.12 | 3.400 | 19 13 30.3 | 14.209 | (409.) |
| 1352 | 6. 7 | 21 1 1.68 | 3.362 | 17 13 13.6 | 14.245 | (410.) R. |
| 1353 | 8. 9 | 21 2 4.57 | 3 392 | 18 56 14,4 | 14.309 | (409.) |
| 1354 | 10 | 21 2 51.08 | 3.340 | 16 6 10.4 | 14.356 | (410.) |
| 1355 | 9 | 21 3 1.29 | 3.348 | 16 38 3.7 | 14.366 | (410.) R. |
| 1356 | 8 | 21 3 23.88 | 3.322 | 15 4 54.7 | 14.389 | (333.) Ll. B. R. |
| 1357 | 9 | 21 3 30.02 | 3.427 | 20 56 31.3 | 14.395 | (408.) |
| 1358 | 10 | 21 3 36.37 | 3.387 | 18 48 56.9 | 14.401 | (409.) R. |
| 1359 | 9 | 21 3 36.95 | 3.330 | 15 35 5.4 | 14.402 | (333.) R. |

I. (338) +0.18 [-14.9]; (377) -0.17 0.0. II. (333) -0.01 -0.4; (338) +0.02 -1.8; (377) -0.01 +2.2. III. (333) +0.13 -0.2; (338) +0.09 +1.4; (377) -0.22 -1.2. IV. (409) +0.02 +0.3; (410) -0.01 -0.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1360 | 8 | 21 3 48.60 | + 3.322 | - 15 10 8.7 | + 14.414 | (333.) Ll. |
| 1361 | 9 | 21 4 3.29 | 3.330 | 15 36 32.4 | 14.429 | (333.) R. |
| 1362 | 9 | 21 4 20.76 | 3.344 | 16 27 39.8 | 14.447 | (410.) R. |
| 1363 | 8. 9 | 21 5 22.27 | 3.374 | 18 10 43.6 | 14.509 | (409.) R. |
| 1364 | 9 | 21 5 25.77 | 3.420 | 20 42 12.2 | 14.513 | (408.) Ll. |
| 1365 | 9 | 21 5 33.62 | 3.374 | 18 13 33.8 | 14.521 | (409.) |
| 1366 | 9 | 21 5 26.46 | 3.321 | 15 15 42.1 | 14.514 | I. Ll. R. |
| 1367 | 9 | 21 6 21.94 | 3.366 | 17 50 11.5 | 14.569 | (410.) R. |
| 1368 | 9 | 21 6 25.51 | 3.418 | 20 41 19.4 | 14.573 | (408.) Ll. |
| 1369 | 9. 10 | 21 6 33.72 | 4.372 | 18 11 30.6 | 14.581 | (409.) |
| 1370 | 9 | 21 7 13.31 | 3.316 | 15 1 10.0 | 14.620 | II. Ll. B. |
| 1371 | 6 | 21 7 25.27 | 3.329 | 15 47 27.0 | 14.632 | (338.) R. |
| 1372 | 9 | 21 8 9.06 | 3.417 | 20 47 36.7 | 14.676 | (406.) |
| 1373 | 8. 9 | 21 8 18.69 | 3.322 | 15 26 39.8 | 14.686 | III. B. |
| 1374 | 9. 10 | 21 8 30.85 | 3.326 | 15 43 12.7 | 14.698 | (338.) B. R. |
| 1375 | 10 | 21 8 34.26 | 3.363 | 17 52 21.3 | 14.701 | (410.) |
| 1376 | 10 | 21 8 35.92 | 3.315 | 15 5 57.5 | 14.703 | (333.) B. |
| 1377 | 10 | 21 9 3.59 | 3.378 | 18 42 6.6 | 14.731 | (409.) |
| 1378 | 8. 9 | 21 9 18.55 | 3.379 | 18 47 51.1 | 14.746 | (409.) R. |
| 1379 | 5. 6 | 21 9 31.75 | 3.373 | 18 26 36.1 | 14.758 | (409.) Ll. R. |
| 1380 | 8. 9 | 21 9 31.98 | 3.339 | 16 30 53.3 | 14.758 | (410.) Ll. R. |
| 1381 | 7. 8 | 21 9 55.32 | 3.416 | 20 57 37.6 | 14.781 | (408.) Ll. |
| 1382 | 5. 6 | 21 10 54.44 | 3.342 | 16 48 23.5 | 14.839 | (410.) Ll. R. |
| 1383 | 9. 10 | 21 11 46.38 | 3.404 | 20 27 8.3 | 14.890 | (408.) |
| 1384 | 9. 10 | 21 11 56.95 | 3.354 | 17 38 27.9 | 14.901 | (410.) R. |
| λ 1385 | 9. 10 | 21 12 ~~6.49~~ | 3.368 | 19 33 55.4 | 14.910 | (409.) R. |
| 1386 | 10 | 21 12 51.16 | 3.385 | 19 27 33.7 | 14.953 | (409.) |
| 1387 | 10 | 21 12 53.68 | 3.403 | 20 29 18.4 | 14.956 | (408.) |
| 1388 | 10 | 21 12 54.72 | 3.397 | 20 9 41.4 | 14.957 | (408.) |

I. (333) +0.22 +0.6; (338) +0.21 -0.6. II. (333) +0.12 -0.7; (338) -0.23 -0.9; (377) +0.11 +1.6. III. (333) -0.06 -1.3; (377) +0.06 +1.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1389 | 8 | 21 13 12.36 | + 3.322 | - 15 47 18.8 | + 14.974 | (410.) Ll. B. R. |
| 1390 | 8. 9 | 21 13 28.94 | 3.336 | 16 36 42.2 | 14.990 | (410.) R. |
| 1391 | 9 | 21 14 0.59 | 3.317 | 15 33 17.9 | 15.021 | I. Ll. R. |
| 1392 | 10 | 21 14 22.79 | 3.344 | 17 10 30.6 | 15.042 | (410.) |
| 1393 | 10 | 21 14 52.96 | 3.397 | 20 19 3.1 | 15.071 | (408.) Ll. |
| 1394 | 10 | 21 14 55.25 | 3.314 | 15 27 40.0 | 15.073 | II. R. |
| 1395 | 9. 10 | 21 15 0.59 | 3.373 | 18 55 31.9 | 15.079 | (409.) |
| 1396 | 10 | 21 15 33.47 | 3.340 | 17 4 41.0 | 15.109 | (410.) R. |
| 1397 | 10 | 21 15 44.55 | 3.394 | 29 15 59.6 | 15.121 | (408.) |
| 1398 | 10 | 21 16 20.66 | 3.383 | 19 35 43.9 | 15.155 | (409.) |
| 1399 | 10 | 21 16 38.40 | 3.331 | 16 37 22.9 | 15.171 | (410.) |
| 1400 | 10 | 21 16 54.31 | 3.304 | 15 0 17.6 | 15.186 | (338.) |
| 1401 | 8 | 21 17 17.77 | 3.375 | 19 13 48.1 | 15.209 | (409.) Ll R. |
| 1402 | 8 | 21 18 10.85 | 3.318 | 15 53 27.8 | 15.259 | III. Ll. R. |
| 1403 | 9 | 21 19 0.86 | 3.399 | 20 51 22.7 | 15.307 | IV. Ll. |
| 1404 | 9. 10 | 21 19 1.77 | 3.401 | 20 54 40.2 | 15.308 | (408.) Ll. |
| 1405 | 9. 10 | 21 19 44.03 | 3.332 | 16 53 33.8 | 15.348 | (410.) |
| 1406 | 10 | 21 20 0.54 | 3.349 | 17 54 26.4 | 15.364 | (409.) Ll. |
| 1407 | 10 | 21 20 38.68 | 3.385 | 20 11 30.5 | 15.398 | V. |
| 1408 | 10 | 21 20 40.06 | 3.329 | 16 44 18.9 | 15.400 | (410.) |
| 1409 | 9. 10 | 21 21 5.89 | 3.388 | 20 25 0.6 | 15.424 | (416.) |
| 1410 | 10 | 21 21 26.55 | 3.365 | 19 0 14.5 | 15.444 | (409.) |
| 1411 | 7. 8 | 21 21 33.94 | 3.377 | 19 47 56.2 | 15.450 | VI. Ll. |
| 1412 | 9 | 21 21 41.88 | 3.311 | 15 48 33.6 | 15.458 | VII. |
| 1413 | 8. 9 | 21 21 59.06 | 3.330 | 16 58 11.7 | 15.473 | (410.) Ll. |
| 1414 | 10 | 21 22 16.37 | 3.299 | 15 4 52.4 | 15.489 | (338.) Ll. R. |
| 1415 | 10 | 21 22 55.22 | 3.378 | 19 59 6.1 | 15.525 | (408.) |

I. (333) +0.08 +1.9; (338) -0.22 [-21.2]; (377) +0.14 -1.9. II. (338) 0.00 -0.7; (357) [-1.02] +0.6. III. (377) -0.04 +1.7; (410) +0.04 -1.7. IV. (408) -0.03 -2.2; (416) +0.04 +2.2. V. (408) -0.05 -1.2; (416) +0.05 +1.2. VI. (408) +0.14 +2.0; (409) -0.13 -2.1. VII. (338) +0.15 +0.8; (410) -0.15 -0.9.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1416 | 8 | 21 22 59.65 | + 3.377 | − 19 53 34.4 | + 15.530 | I. Ll. |
| 1417 | 8 | 21 24 7.90 | 3.317 | 16 22 13.0 | 15.591 | (410.) |
| 1418 | 10 | 21 24 36.52 | 3.391 | 20 56 49.7 | 15.618 | (408.) |
| 1419 | 10 | 21 24 47.21 | 3.310 | 15 58 44.2 | 15.627 | (410.) |
| 1420 | 9 | 21 25 47.21 | 3.340 | 17 55 16.7 | 15.682 | (409.) |
| 1421 | 9. 10 | 21 26 5.48 | 3.371 | 19 51 32.5 | 15.699 | II. |
| 1422 | 8 | 21 26 28.18 | 3.388 | 20 54 46.9 | 15.720 | (416.) |
| 1423 | 8. 9 | 21 26 54.90 | 3.370 | 19 54 32.8 | 15.744 | III. |
| 1424 | 10 | 21 27 1.97 | 3.310 | 16 8 56.7 | 15.751 | (410.) |
| 1425 | 9 | 21 27 37.04 | 3.312 | 16 21 45.6 | 15.782 | (410.) R. |
| 1426 | 8 | 21 28 0.42 | 3.355 | 19 3 34.9 | 15.803 | (409.) |
| 1427 | 6 | 21 28 40.47 | 3.370 | 20 8 1.7 | 15.840 | IV. Ll. R. |
| 1428 | 8. 9 | 21 28 41.86 | 3.306 | 16 3 59.3 | 15.841 | (410.) |
| 1429 | 7. 8 | 21 28 58.53 | 3.354 | 19 6 24.0 | 15.855 | (409.) |
| 1430 | 9 | 21 29 14.00 | 3.367 | 19 54 2.9 | 15.869 | (408.) Ll. |
| 1431 | 9 | 21 29 31.86 | 3.319 | 16 55 21.8 | 15.886 | (410.) Ll. R. |
| 1432 | 8 | 21 29 36.90 | 3.333 | 17 52 46.0 | 15.890 | (409.) R. |
| 1433 | 7. 8 | 21 30 0.15 | 3.298 | 15 34 57.1 | 15.911 | (377.) Ll. B. R. |
| 1434 | 9. 10 | 21 30 18.12 | 3.308 | 16 16 13.8 | 15.926 | (410.) |
| 1435 | 8. 9 | 21 30 18.92 | 3.356 | 19 21 13.1 | 15.927 | (409.) R. |
| 1436 | 9 | 21 30 25.56 | 3.371 | 20 17 49.9 | 15.933 | V. Ll. R. |
| 1437 | 10 | 21 31 4.41 | 3.351 | 19 6 23.8 | 15.967 | (409.) |
| 1438 | 10 | 21 31 8.07 | 3.350 | 19 5 30.8 | 15.970 | (409.) |
| 1439 | 10 | 21 31 8.02 | 3.363 | 19 53 28.2 | 15.970 | (416.) |
| 1440 | 9. 10 | 21 31 33.28 | 3.378 | 20 53 50.6 | 15.992 | (408.) |
| 1441 | 3. 4 | 21 31 46.40 | 3.322 | 17 20 12.3 | 16.004 | (410.) Ll. R. |
| 1442 | 9. 10 | 21 32 23.85 | 3.287 | 15 3 29.3 | 16.037 | (377.) B. |
| 1443 | 9 | 21 32 52.33 | 3.331 | 18 3 38.5 | 16.062 | (409.) |

I. (408) +0.02 -3.2; (409) -0.08 —; (416) +0.05 +3.2. II. (408) -0.10 +2.5; (409) +0.09 -2.6. III. (408) +0.13 0.0; (409) -0.12 —. IV. (408) +0.02 -1.7. (416) -0.01 +1.7. V. (408) +0.01 -2.3; (416) 0.00 +2.2.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1444 | 9 | 21 33 15.36 | + 3.292 | - 15 31 15.8 | 16.082 | (338.) Ll. B. R. |
| 1445 | 9 | 21 33 21.87 | 3.369 | 20 29 5.1 | 16.088 | I. Ll. |
| 1446 | 7 | 21 33 37.86 | 3.328 | 17 54 13.7 | 16.101 | (409.) |
| 1447 | 8 | 21 34 18.57 | 3.305 | 16 26 30.2 | 16.137 | (410.) |
| 1448 | 8 | 21 34 49.42 | 3.363 | 20 18 6.9 | 16.164 | II. Ll. R. |
| 1449 | 7 | 21 34 52.92 | 3.284 | 15 4 58.9 | 16.166 | III. Ll. R. |
| 1450 | 10 | 21 35 12.25 | 3.294 | 15 50 2.4 | 16.184 | (410.) |
| 1451 | 8 | 21 35 14.18 | 3.328 | 18 4 12.2 | 16.185 | (409.) |
| 1452 | 9. 10 | 21 35 31.94 | 3.344 | 19 16 19.1 | 16.201 | (409.) |
| 1453 | 9. 10 | 21 35 38.57 | 3.360 | 20 11 29.7 | 16.206 | IV. Ll. |
| 1454 | 8 | 21 35 49.14 | 3.288 | 15 26 4.1 | 16.215 | (338.) Ll. B. R. |
| 1455 | 8 | 21 36 3.85 | 3.306 | 16 39 16.8 | 16.228 | (410.) R. |
| 1456 | 10 | 21 36 9.44 | 3.360 | 20 12 44.0 | 16.232 | (408.) |
| 1457 | 10 | 21 36 51.19 | 3.299 | 16 17 4.2 | 16.268 | (410.) |
| 1458 | 10 | 21 37 1.38 | 3.343 | 19 15 43.9 | 16.277 | (409.) |
| 1459 | 8. 10 | 21 37 31.93 | 3.334 | 18 40 6.9 | 16.303 | (409.) R. |
| 1460 | 8 | 21 38 9.08 | 3.332 | 18 36 28.6 | 16.334 | (409.) Ll. R. |
| 1461 | 3. 4 | 21 38 45.26 | 3.304 | 16 48 20.2 | 16.365 | (410.) Ll. R. |
| 1462 | 8. 9 | 21 38 59.02 | 3.260 | 15 12 13.8 | 16.376 | V. B. |
| 1463 | 9 | 21 39 18.80 | 3.355 | 20 16 4.2 | 16.385 | VI. R. |
| 1464 | 7. 8 | 21 39 19.05 | 3.321 | 17 59 13.4 | 16.385 | (409.) Ll. |
| 1465 | 9. 10 | 21 39 57.86 | 3.336 | 19 3 36.5 | 16.426 | (409.) |
| 1466 | 10 | 21 40 19.27 | 3.351 | 20 6 12.2 | 16.443 | VII. |
| 1467 | 10 | 21 40 39.66 | 3.361 | 20 50 33.3 | 16.461 | (408.) |
| 1468 | 8 | 21 41 0.45 | 3.334 | 19 4 53.6 | 16.478 | (409.) Ll. R. |
| 1469 | 8 | 21 41 0.63 | 3.286 | 15 48 56.2 | 16.479 | (377.) B. |
| 1470 | 9 | 21 42 33.82 | 3.358 | 20 53 12.3 | 16.555 | (408.) Ll. R. |

I. (408) +0.06 -3.8; (416) -0.06 +3.7. II. (408) +0.02 -2.8; (416) -0.01 +2.8.
III. (338) +0.18 +1.1; (377) -0.18 -1.2. IV. (408) -0.02 -3.3; (416) +0.03 +3.3.
V. (338) +0.16 -1.3; (377) -0.15 +1.2. VI. (408) +0.12 -3.8; (416) -0.12 +3.8.
VII. (408) -0.15 -2.8; (416) +0.16 +2.8.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1471 | 6. 7 | 21 43 21.37 | + 3.334 | - 19 19 10.4 | + 16.594 | (409.) Ll. R. |
| 1472 | 10 | 21 43 47.90 | 3.340 | 19 50 3.0 | 16.615 | (408.) |
| 1473 | 9 | 21 44 20.02 | 3.345 | 20 13 20.6 | 16.642 | (416.) Ll. R. |
| 1474 | 9. 10 | 21 44 26.65 | 3.310 | 17 46 9.7 | 16.648 | (410.) R. |
| 1475 | 9 | 21 44 42.03 | 3.339 | 19 51 8.9 | 16.660 | I. |
| 1476 | 9 | 21 45 24.69 | 3.351 | 20 42 57.7 | 16.695 | II. Ll. |
| 1477 | 9 | 21 45 56.21 | 3.314 | 18 16 58.7 | 16.720 | (409.) |
| 1478 | 9. 10 | 21 47 5.32 | 3.322 | 18 56 51.2 | 16.775 | (409.) |
| 1479 | 6 | 21 48 29.70 | 3.315 | 18 3[illegible] 26.6 | 16.842 | (409.) |
| 1480 | 9 | 21 49 37.13 | 3.274 | 15 50 5.7 | 16.896 | (410.) Ll. B. R. |
| 1481 | 9. 10 | 21 51 2.16 | 3.264 | 15 13 22.7 | 16.962 | (338.) B. |
| 1482 | 9. 10 | 21 51 8.94 | 3.272 | 15 47 52.6 | 16.967 | (377.) Ll. R. |
| 1483 | 8 | 21 53 19.22 | 3.259 | 15 2 37.0 | 17.068 | (377.) Ll. B. |
| 1484 | 10 | 21 54 11 12 | 3.258 | 15 3 41.9 | 17.108 | (338.) B. |
| 1485 | 9 | 21 55 14.62 | 3.265 | 15 40 21.7 | 17.156 | (338.) Ll. B. |
| 1486 | 8. 9 | 21 56 20.64 | 3.257 | 15 10 16.8 | 17.206 | III. Ll. B. |
| 1487 | 7. 8 | 21 58 3.12 | 3.260 | 15 37 24.2 | 17.282 | (377.) B. |
| 1488 | 9 | 21 59 27.78 | 3.253 | 15 13 10.2 | 17.345 | (338.) Ll. |
| 1489 | 10 | 22 0 34.06 | 3.253 | 15 22 31.2 | 17.392 | (338.) Ll. |
| 1490 | 10 | 22 1 41.38 | 3.258 | 15 51 20.8 | 17.441 | (345.) Ll. |
| 1491 | 9 | 22 2 5.47 | 3.256 | 15 44 5.6 | 17.459 | (345.) Ll. |
| 1492 | 9 | 22 4 20.94 | 3.290 | 18 45 59.5 | 17.555 | (409.) Ll. R. |
| 1493 | 10 | 22 5 29.54 | 3.294 | 19 11 47.5 | 17.603 | (409.) |
| 1494 | 10 | 22 5 45.14 | 3.249 | 15 40 46.7 | 17.613 | (345.) |
| 1495 | 8. 9 | 22 6 6.14 | 3.302 | 19 59 14.9 | 17.628 | (416.) Ll. |
| 1496 | 10 | 22 6 23.22 | 3.283 | 18 29 18.0 | 17.640 | (409.) |
| 1497 | 8. 9 | 22 6 30.91 | 3.251 | 15 50 26.6 | 17.646 | IV. Ll. B. |
| 1498 | 10 | 22 6 49.89 | 3.306 | 20 28 10.7 | 17.659 | (416.) Ll. R. |

I. (408) +0.14 +2.9; (409) -0.14 -2.9. II. (408) -0.03 -2.3; (416) +0.04 +2.3. III. (338) +0.16 +0.1; (377) -0.15 -0.2. IV. (338) -0.19 [-15.4]; (345) +0.16 [-9.0]; (377) +0.04 0.0.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1499 | 10 | 22 7 31.02 | + 3.287 | - 18 52 59.8 | + 17.687 | (409.) |
| 1500 | 9 | 22 7 55.65 | 3.240 | 15 10 48.2 | 17.704 | I. R. |
| 1501 | 10 | 22 8 3.17 | 3.239 | 15 5 19.3 | 17.709 | (345.) |
| 1502 | 9 | 22 8 7.31 | 3.304 | 20 24 10.3 | 17.712 | (416.) Ll. R. |
| 1503 | 8. 9 | 22 9 21.11 | 3.283 | 18 54 39.7 | 17.762 | (409.) |
| 1504 | 10 | 22 9 54.65 | 3.279 | 18 43 47.8 | 17.785 | (409.) R. |
| 1505 | 9 | 22 10 1.23 | 3.239 | 15 14 41.8 | 17.790 | II. |
| 1506 | 9. 10 | 22 10 25.00 | 3.244 | 15 45 43.1 | 17.805 | (345.) Ll. |
| 1507 | 9. 10 | 22 10 30.44 | 3.240 | 15 23 17.5 | 17.810 | (345.) R. |
| 1508 | 9 | 22 11 47.73 | 3.270 | 18 12 55.1 | 17.861 | (409.) R. |
| 1509 | 9. 10 | 22 12 25.61 | 3.236 | 15 18 17.6 | 17.886 | III. Ll. R. |
| 1510 | 9. 10 | 22 12 56.14 | 3.240 | 15 40 13.5 | 17.905 | (345.) |
| 1511 | 9. 10 | 22 13 12.24 | 3.240 | 15 43 32.5 | 17.915 | (345.) |
| 1512 | 8 | 22 13 12.62 | 3.280 | 19 15 35.2 | 17.916 | (409.) |
| 1513 | 9 | 22 13 29.50 | 3.234 | 15 12 36.7 | 17.927 | IV. Ll. R. |
| 1514 | 8. 9 | 22 13 48.10 | 3.290 | 20 11 8.4 | 17.939 | (416.) Ll. |
| 1515 | 9 | 22 14 27.06 | 3.288 | 20 6 14.8 | 17.964 | (416.) Ll. |
| 1516 | 10 | 22 15 49.58 | 3.261 | 18 0 48.7 | 18.018 | (409.) |
| 1517 | 9. 10 | 22 16 44.96 | 3.257 | 17 50 17.8 | 18.053 | (409.) |
| 1518 | 10 | 22 17 8.76 | 3.279 | 20 47 17.7 | 18.068 | (416.) |
| 1519 | 8 | 22 17 35.51 | 3.291 | 20 59 43.7 | 18.086 | (416.) Ll. |
| 1520 | 9 | 22 17 55.59 | 3.270 | 19 6 56.0 | 18.099 | (409.) |
| 1521 | 10 | 22 17 56.18 | 3.232 | 15 42 32.9 | 18.099 | (338.) |
| 1522 | 8. 9 | 22 18 8.59 | 3.266 | 18 46 4.3 | 18.106 | (409.) Ll. |
| 1523 | 9. 10 | 22 19 1.67 | 3.280 | 20 12 17.0 | 18.140 | (416.) Ll. R. |
| 1524 | 10 | 22 19 27.11 | 3.260 | 18 26 5.5 | 18.155 | (409.) |
| 1525 | 8 | 22 19 42.42 | 3.255 | 18 2 2.5 | 18.164 | (409.) Ll. |
| 1526 | 10 | 22 20 11.35 | 3.228 | 15 36 50.2 | 18.183 | (345.) |

I. (338) +0.02 -0.5; (345) -0.18 +1.8; (377) +0.16 -1.3. II. (345) -0.08 -1.5; (377) +0.08 +1.5. III. (345) +0.12 +0.6; (377) -0.11 -0.7. IV. (338) 0.00 -2.1; (345) +0.01 +2.0.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1527 | 10 | 22 20 40.76 | + 3.269 | - 19 29 13.6 | + 18.201 | (409.) |
| 1528 | 10 | 22 20 55.86 | 3.265 | 10 10 30.0 | 18.210 | (409.) |
| 1529 | ? | 22 21 14.71 | 3.224 | 15 19 58.4 | 18.221 | (345.) R. |
| 1530 | 9 | 22 22 55.20 | 3.221 | 15 19 58.3 | 18.281 | (345.) Ll. |
| 1531 | 10 | 22 23 0.58 | 3.262 | 19 16 50.4 | 18.285 | (409.) |
| 1532 | 10 | 22 24 1.68 | 3.251 | 18 24 56.0 | 18.321 | (409.) |
| 1533 | 8 | 22 25 15.81 | 3.253 | 18 42 32.5 | 18.365 | (409.) Ll. |
| 1534 | 9 | 22 25 59.30 | 3.266 | 20 7 59.0 | 18.390 | (416.) |
| 1535 | 9 | 22 26 24.51 | 3.250 | 18 16 45.2 | 18.404 | (409.) |
| 1536 | 9 | 22 26 32.72 | 3.269 | 20 37 50.0 | 18.409 | (416.) |
| 1537 | 7 | 22 27 34.88 | 3.244 | 18 23 44.7 | 18.445 | (409.) Ll. |
| 1538 | 5. 6 | 22 27 43.73 | 3.243 | 18 13 59.9 | 18.450 | (409.) Ll. |
| 1539 | 10 | 22 29 14.32 | 3.216 | 15 44 56.9 | 18.502 | (345.) |
| 1540 | 10 | 22 30 38.59 | 3.251 | 19 39 37.7 | 18.549 | (409.) |
| 1541 | 9 | 22 31 2.23 | 3.240 | 18 34 36.3 | 18.562 | (409.) Ll. |
| 1542 | 9 | 22 31 54.95 | 3.208 | 15 19 26.9 | 18.591 | I. Ll. |
| 1543 | 10 | 22 31 58.64 | 3.239 | 18 35 12.3 | 18.593 | (409.) |
| 1544 | 9 | 22 32 21.51 | 3.207 | 15 23 0.3 | 18.606 | (338.) Ll. |
| 1545 | 9. 10 | 22 33 45.61 | 3.243 | 19 21 41.8 | 18.652 | (409.) |
| 1546 | 9. 10 | 22 33 57.14 | 3.241 | 19 13 6.2 | 18.658 | (409.) |
| 1547 | 9 | 22 35 53.20 | 3.236 | 19 3 59.3 | 18.720 | (409.) |
| 1548 | 9 | 22 36 18.27 | 3.202 | 15 23 45.9 | 18.733 | (338.) |
| 1549 | 9 | 22 36 22.17 | 3.202 | 15 27 37.9 | 18.734 | (338.) |
| 1550 | 10 | 22 36 27.12 | 3.242 | 19 52 32.2 | 18.737 | (409.) |
| 1551 | 8 | 22 38 27.10 | 3.231 | 19 4 29.2 | 18.799 | (409.) Ll. |
| 1552 | 7 | 22 39 21.52 | 3.223 | 18 20 25.5 | 18.826 | (409.) Ll. |
| 1553 | 10 | 22 39 25.55 | 3.224 | 18 22 4.6 | 18.829 | (409.) |
| 1554 | 8. 9 | 22 40 33.27 | 3.218 | 18 2 43.0 | 18.861 | (409.) Ll. |
| 1555 | 9. 10 | 22 41 59.04 | 3.223 | 18 49 39.8 | 18.903 | (409.) |
| 1556 | 9. 10 | 22 42 50.95 | 3.219 | 18 36 52.4 | 18.928 | (409.) |

I. (338) +0.45 +4.7; (345) -0.45 -4.8.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1557 | 7 | 22 44 33.78 | + 3.226 | - 19 49 55.5 | + 18.978 | (409.) Ll. |
| 1558 | 10 | 22 45 17.05 | 3.215 | 18 39 33.7 | 18.998 | (409.) |
| 1559 | 10 | 22 45 50.99 | 3.209 | 18 4 27.8 | 19.013 | (409.) |
| 1560 | 9 | 22 46 27.03 | 3.190 | 15 48 25.4 | 19.030 | (338.) |
| 1561 | 10 | 22 47 12.33 | 3.189 | 15 47 12.2 | 19.052 | (338.) |
| 1562 | 8. 9 | 22 48 33.55 | 3.187 | 15 47 17.1 | 19.088 | (338.) |
| 1563 | 8. 9 | 22 48 55.73 | 3.196 | 17 4 16.6 | 19.097 | (417.) |
| 1564 | 10 | 22 49 42.03 | 3.200 | 17 54 17.7 | 19.118 | (409.) |
| 1565 | 10 | 22 49 58.62 | 3.179 | 15 5 23.7 | 19.126 | (338.) |
| 1566 | 9 | 22 51 38.82 | 3.176 | 15 2 7.5 | 19.169 | (338.) |
| 1567 | 10 | 22 51 51.34 | 3.176 | 15 3 49.4 | 19.174 | (338.) B. |
| 1568 | 9 | 22 52 50.76 | 3.174 | 15 3 38.4 | 19.199 | (338) Ll. B. |
| 1569 | 8 | 22 52 54.02 | 3.193 | 17 41 3.7 | 19.201 | (417.) |
| 1570 | 8. 9 | 22 53 29.76 | 3.174 | 15 4 20.3 | 19.215 | (338.) Ll. B. |
| 1571 | 9 | 22 53 35.33 | 3.191 | 17 40 32.7 | 19.217 | (417.) |
| 1572 | 9 | 22 54 14.12 | 3.177 | 15 46 43.4 | 19.234 | (338.) Ll. |
| 1573 | 9 | 22 54 49.44 | 3.171 | 15 3 26.2 | 19.249 | (338.) Ll. |
| 1574 | 8. 9 | 22 55 6.98 | 3.177 | 15 55 30.1 | 19.256 | (410.) |
| 1575 | 9 | 22 56 2 .82 | 3.181 | 16 49 2.2 | 19.286 | (417.) |
| 1576 | 7 | 22 57 24.99 | 3.186 | 17 42 21.4 | 19.311 | (417.) Ll. |
| 1577 | 9. 10 | 22 57 37.90 | 3.173 | 15 52 11.2 | 19.316 | (338.) |
| 1578 | 7 | 22 57 57.71 | 3.175 | 16 15 47.6 | 19.324 | (417.) |
| 1579 | 9 | 22 58 2.93 | 3.168 | 15 15 5.2 | 19.326 | (338.) Ll. |
| 1580 | 8 | 23 0 13.85 | 3.177 | 17 9 6.6 | 19.377 | (417.) |
| 1581 | 9 | 23 0 44.44 | 3.167 | 15 51 8.0 | 19.388 | I. Ll. |
| 1582 | 8 | 23 1 55.86 | 3.162 | 15 19 17.4 | 19.414 | II. Ll. |
| 1583 | 8. 9 | 23 2 0.02 | 3.166 | 15 51 28.7 | 19.416 | (417.) |
| 1584 | 7. 8 | 23 3 21.52 | 3.164 | 15 59 55.5 | 19.446 | (417.) |
| 1585 | 8. 9 | 23 4 21.83 | 3.167 | 16 40 26.7 | 19.467 | (417.) |

I. (338) +0.22 +1.0; (345) -0.25 -1.1; (417) +0.02 [-9.7]. II. (338) +0.12 +1.5. (345) -0.11 -1.6.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1586 | 9 | 23 4 55.08 | + 3.160 | - 15 49 19.5 | + 19.478 | (417.) |
| 1587 | 7. 8 | 23 6 23.11 | 3.171 | 17 43 29.7 | 19.509 | (417.) Ll. |
| 1588 | 7. 8 | 23 6 59.42 | 3.164 | 17 3 16.2 | 19.521 | (417.) Ll. |
| 1589 | 9. 10 | 23 7 37.41 | 3.155 | 15 21 21.5 | 19.534 | (345.) Ll. |
| 1590 | 10 | 23 8 40.29 | 3.151 | 15 18 23.3 | 19.554 | (345.) |
| 1591 | 9. 10 | 23 8 46.13 | 3.157 | 16 22 49.7 | 19.556 | (417.) Ll. |
| 1592 | 10 | 23 8 55.38 | 3.151 | 15 18 25.3 | 19.560 | (345.) |
| 1593 | 6 | 23 9 35.34 | 3.158 | 16 59 26.2 | 19.572 | (417.) Ll. R. |
| 1594 | 9 | 23 10 25.90 | 3.152 | 15 53 17.0 | 19.588 | (417.) |
| 1595 | 9. 10 | 23 11 18.21 | 3.147 | 15 4 6.3 | 19.605 | (345.) |
| 1596 | 6 | 23 11 48.26 | 3.153 | 16 36 11.3 | 19.613 | (417.) |
| 1597 | 9. 10 | 23 12 28.25 | 3.146 | 15 12 54.5 | 19.625 | I. |
| 1598 | 9 | 23 13 13.84 | 3.148 | 16 1 47.7 | 19.639 | (417.) |
| 1599 | 7 | 23 14 47.66 | 3.145 | 15 51 47.9 | 19.666 | (338.) Ll. R. |
| 1600 | 9. 10 | 23 14 47.76 | 3.139 | 14 42 37.8 | 19.666 | (345.) |
| 1601 | 10 | 23 15 47.78 | 3.140 | 15 17 46.6 | 19.683 | (345.) |
| 1602 | 9. 10 | 23 15 49.82 | 3.140 | 15 18 39.9 | 19.686 | II. |
| 1603 | 8. 9 | 23 16 46.91 | 3.143 | 16 7 1.4 | 19.700 | (417.) |
| 1604 | 10 | 23 18 3.67 | 3.137 | 15 10 49.3 | 19.721 | (345.) |
| 1605 | 9 | 23 18 16.55 | 3.140 | 16 2 57.5 | 19.725 | (417.) |
| 1606 | 9. 10 | 23 18 27.33 | 3.137 | 15 31 47.9 | 19.727 | (345.) |
| 1607 | 7 | 23 19 6.82 | 3.139 | 16 4 28.3 | 19.738 | (417.) Ll. |
| 1608 | 10 | 23 19 24.13 | 3.136 | 15 39 8.0 | 19.742 | (345.) |
| 1609 | 7 | 23 20 6.65 | 3.138 | 16 7 33.2 | 19.751 | (417.) Ll. |
| 1610 | 9. 10 | 23 21 7.24 | 3.132 | 15 8 9.0 | 19.766 | (345.) |
| 1611 | 9 | 23 23 56.57 | 3.129 | 15 37 58.6 | 19.807 | (345.) Ll. R. |
| 1612 | 9 | 23 24 6.92 | 3.129 | 15 45 46.8 | 19.809 | (345.) Ll. R. |
| 1613 | 10 | 23 26 12.79 | 3.123 | 15 3 25.5 | 19.837 | (345.) R. |
| 1614 | 7 | 23 32 0.17 | 3.114 | 15 3 2.1 | 19.905 | (345.) Ll. B. R. |

I. (328) +0.01 +2.3; (345) -0.01 -2.4. II. (338) +0.22 -1.3; (345) -0.22 +1.2.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1615 | 6 | 23 34 56.31 | + 3.110 | − 15 22 23.4 | + 19.935 | (345.) |
| 1616 | 10 | 23 35 9.64 | 3.110 | 15 24 34.5 | 19.938 | (345.) |
| 1617 | 9 | 23 38 7.37 | 3.106 | 15 35 15.2 | 19.963 | (345.) |
| 1618 | 9. 10 | 23 42 12.49 | 3.099 | 15 10 7.8 | 19.993 | (345.) |
| 1619 | 8 | 23 42 48.87 | 3.098 | 15 14 2.9 | 19.998 | (345.) |
| 1620 | 7. 8 | 23 44 47.55 | 3.094 | 15 5 5.5 | 20.011 | (345.) Ll. |
| 1621 | 9 | 23 57 45.54 | 3.074 | 15 15 20.4 | 20.054 | (345.) Ll. |



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# IV. Stern-Verzeichniss

## Declination von -21° 0′ bis -27° 0′.

-21° -27°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1 | 7. 8 | 17 43 47.47 | + 3.682 | - 24 38 9.2 | - 1.419 | (403.) |
| 2 | 8. 9 | 17 46 57.80 | 3.711 | 25 38 31.8 | 1.138 | (403.) |
| 3 | 9 | 17 47 48.76 | 3.672 | 24 23 52.5 | 1.065 | (403.) |
| 4 | 9 | 17 49 5.30 | 3.694 | 25 7 11.8 | 0.940 | (403.) |
| 5 | 8 | 17 49 58.34 | 3.716 | 25 47 58.7 | 0.877 | (403.) Ll. |
| 6 | 9 | 17 50 45.29 | 3.695 | 25 4 13.0 | 0.809 | (403.) |
| 7 | 9. 10 | 17 51 29.43 | 3.684 | 24 39 49.2 | 0.745 | (403.) |
| 8 | 9 | 17 51 37.46 | 3.688 | 24 46 29.3 | 0.733 | (403.) |
| 9 | 9 | 17 53 5.78 | 3 690 | 24 51 41.8 | 0.589 | (403.) |
| 10 | 8. 9 | 17 53 27.23 | 3.672 | 24 14 55.2 | 0.558 | (403.) Ll. |
| 11 | 7. 8 | 17 53 39.63 | 3.673 | 24 16 35.5 | 0.553 | (403.) Ll. |
| 12 | 8 | 17 54 40.64 | 3.675 | 24 21 31.1 | 0.465 | (403.) Ll. |
| 13 | 9 | 17 55 14.04 | 3.685 | 24 43 6.1 | 0.416 | (403.) |
| 14 | 8. 9 | 17 55 58.62 | 3.677 | 24 24 6.1 | 0.351 | (403.) Ll. |
| 15 | 8. 9 | 17 56 53.65 | 3.671 | 24 12 4.2 | 0.271 | (403.) Ll. |
| 16 | 10 | 17 57 19.01 | 3.670 | 24 9 59.8 | 0.234 | (403.) |
| 17 | 9. 10 | 17 58 6.61 | 3.673 | 24 16 23.7 | 0.165 | (403.) |
| 18 | 9. 10 | 17 58 50.95 | 3.704 | 25 21 44.3 | 0.101 | (403.) Ll. |
| 19 | 7. 8 | 17 59 37.55 | 3.708 | 25 29 17.3 | 0.031 | (403.) |
| 20 | 7 | 17 59 42.34 | 3.616 | 22 11 16.5 | - 0.026 | (400.) |
| 21 | 10 | 18 0 19.50 | 3.684 | 24 40 55.9 | + 0.015 | (403.) |
| 22 | 8 | 18 0 45.99 | 3.613 | 22 4 31.4 | 0.067 | (400.) |
| 23 | 7 | 18 1 41.07 | 3.618 | 22 15 45.3 | 0.147 | (400.) |
| 24 | 4. 5 | 18 2 34.15 | 3.658 | 23 43 35.0 | 0.224 | (400.) Ll. |

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-21° -27°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 25 | 8. 9 | 18 2 44.56 | + 3.735 | - 26 25 22.7 | + 0.239 | (404.) |
| 26 | 10 | 18 3 35.91 | 3.680 | 24 30 56.9 | 0.315 | (402.) |
| 27 | 5. 6 | 18 3 55.84 | 3.642 | 23 8 52.7 | 0.344 | (400.) LI. |
| 28 | 8. 9 | 18 5 10.66 | 3.657 | 23 42 18.4 | 0.452 | (400.) |
| 29 | 8 | 18 5 41.85 | 3.640 | 23 5 16.9 | 0.498 | (400.) |
| 30 | 8 | 18 5 50.66 | 3.732 | 26 21 1.3 | 0.509 | (404.) |
| 31 | 8 | 18 6 19.25 | 3.733 | 26 22 0.5 | 0.552 | (404.) |
| 32 | 8 | 18 6 23.73 | 3.642 | 23 9 25.2 | 0.559 | (400.) |
| 33 | 8 | 18 7 24.75 | 3.664 | 23 56 36.9 | 0.649 | I. Ll. |
| 34 | 8 | 18 7 30.76 | 3.644 | 23 15 42.8 | 0.657 | II. |
| 35 | 7 | 18 8 40.60 | 3.646 | 23 19 31.0 | 0.759 | III. Ll. |
| 36 | 8 | 18 8 46.16 | 3.697 | 25 7 47.2 | 0.767 | (401.) |
| 37 | 8 | 18 9 25.18 | 3.712 | 25 39 15.1 | 0.823 | (402.) |
| 38 | 8 | 18 9 45.48 | 3.641 | 23 7 7.8 | 0.853 | IV. |
| 39 | 8. 9 | 18 9 53.00 | 3.597 | 21 30 51.0 | 0.864 | (398.) |
| 40 | 9 | 18 9 55.69 | 3.638 | 23 0 14.6 | 0.869 | (400.) |
| 41 | 9. 10 | 18 9 59.40 | 3.592 | 21 31 21.0 | 0.873 | (398.) |
| 42 | 8 | 18 10 5.22 | 3.732 | 26 22 40.9 | 0.882 | (404.) |
| 43 | 8. 9 | 18 10 40.03 | 3.643 | 23 13 9.9 | 0.933 | (399.) |
| 44 | 9. 10 | 18 10 47.81 | 3.683 | 24 39 17.7 | 0.945 | (401.) |
| 45 | 9 | 18 10 49.85 | 3.604 | 21 47 22.8 | 0.947 | (398.) |
| 46 | 8. 9 | 18 11 7.33 | 3.644 | 23 14 20.9 | 0.972 | (400.) |
| 47 | 8. 9 | 18 11 22.29 | 3.616 | 22 12 54.7 | 0.994 | (400.) |
| 48 | 8. 9 | 18 11 26.76 | 3.708 | 25 31 48.1 | 1.001 | V. |
| 49 | 7 | 18 11 53.47 | 3.726 | 26 8 45.9 | 1.059 | (404.) |
| 50 | 9 | 18 12 6.73 | 3.641 | 23 8 18.0 | 1.069 | (399.) |
| 51 | 8 | 18 12 14.33 | 3.707 | 25 29 17.0 | 1.069 | VI. |
| 52 | 8 | 18 12 50.61 | 3.705 | 25 25 49.2 | 1.122 | (401.) |

I. (401) -0.18 +0.1; (402) +0.19 -0.2. II. (399) -0.01 -0.9; (400) +0.02 +0.9.
III. (399) +0.08 0.0; (400) -0.07 -0.1. IV. (399) -0.04 +0.6; (400) +0.05 -0.6.
V. (401) -0.15 -0.4; (402) +0.16 +0.4. VI. (401) -0.31 +1.1; (402) +0.32 -1.2.

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-21° -27°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 53 | 7 | 18 12 55.03 | + 3.612 | - 22 5 3.5 | + 1.128 | (400.) Ll. |
| 54 | 8 | 18 13 0.67 | 3.735 | 26 28 53.1 | 1.136 | (404.) |
| 55 | 7. 8 | 18 13 1.23 | 3.619 | 22 21 40.5 | 1.137 | (400.) Ll. |
| 56 | 9. 10 | 18 13 59.70 | 3.628 | 22 40 38.3 | 1.223 | (399.) |
| 57 | 8. 9 | 18 14 0.77 | 3.667 | 24 5 15.0 | 1.224 | (401.) |
| 58 | 9 | 18 14 28.99 | 3.734 | 26 26 19.9 | 1.266 | (404.) |
| 59 | 8 | 18 14 45.85 | 3.609 | 21 59 20.5 | 1.291 | (400.) |
| 60 | 8 | 18 14 49.51 | 3.736 | 26 31 4.7 | 1.296 | (404.) |
| 61 | 8. 9 | 18 15 6.55 | 3.607 | 21 53 26.7 | 1.321 | (400.) |
| 62 | 8. 9 | 18 15 18.91 | 3.737 | 26 33 56.3 | 1.339 | (404.) |
| 63 | 9 | 18 15 19.21 | 3.677 | 24 27 24.2 | 1.339 | I. |
| 64 | 8 | 18 15 53.06 | 3.677 | 24 29 19.3 | 1.388 | (401.) |
| 65 | 8 | 18 16 2.75 | 3.638 | 23 3 18.8 | 1.403 | (399.) Ll. |
| 66 | 9. 10 | 18 16 27.19 | 3.673 | 24 29 27.3 | 1.439 | (401.) |
| 67 | 7 | 18 16 37.62 | 3.641 | 23 9 29.6 | 1.456 | (400.) Ll. |
| 68 | 9. 10 | 18 17 21.47 | 3.692 | 24 59 46.3 | 1.516 | (404.) |
| 69 | 6 | 18 17 42.98 | 3.706 | 25 29 53.2 | 1.549 | II. |
| 70 | 8. 9 | 18 17 50.50 | 3.598 | 21 36 12.4 | 1.559 | (398.) |
| 71 | 7 | 18 18 22.79 | 3.741 | 26 42 58.5 | 1.606 | (404.) |
| 72 | 7 | 18 18 44.69 | 3.744 | 26 50 27.9 | 1.638 | (404.) |
| 73 | 10 | 18 18 47.51 | 3.745 | 26 51 10.0 | 1.643 | (404.) |
| 74 | 8. 9 | 18 18 59.66 | 3.600 | 21 40 33.6 | 1.661 | (398.) |
| 75 | 6 | 18 19 1.35 | 3.638 | 23 5 11.0 | 1.662 | III. Ll. |
| 76 | 7 | 18 19 36.76 | 3.739 | 26 40 12.8 | 1.714 | (404.) |
| 77 | 9 | 18 19 42.42 | 3.692 | 25 7 48.1 | 1.722 | IV. Ll. {Doppelst. Mitte |
| 78 | 8 | 18 19 52.17 | 3.594 | 21 27 22.0 | 1.736 | (398.) Ll. |
| 79 | 8 | 18 20 6.43 | 3.663 | 24 — — | 1.757 | (399.) |
| 80 | 8 | 18 20 23.07 | 3.663 | 24 — — | 1.781 | (399.) |

I. (401) -0.15 -0.9; (402) +0.15 +0.8. II. (401) -0.12 -1.1; (402) +0.12 +1.0.
III. (399) +0.02 -0.4; (400) -0.02 +0.3. IV. (401) -0.18 -1.4; (402) +0.18 +1.4.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 81 | 8 | 18 20 27.12 | + 3.601 | - 21 43 43.7 | + 1.787 | (398.) |
| 82 | 9 | 18 20 32.70 | 3.723 | 26 6 49.2 | 1.795 | (404.) |
| 83 | 7. 8 | 18 20 37.45 | 3.629 | 22 46 29.3 | 1.801 | (400.) |
| 84 | 9 | 18 21 3.60 | 3.710 | 25 38 33.2 | 1.841 | (402.) Ll. |
| 85 | 7 | 18 21 34.41 | 3.604 | 21 50 51.4 | 1.885 | (400.) Ll. |
| 86 | 8 | 18 21 48.85 | 3.691 | 24 59 15.0 | 1.907 | I. Ll. |
| 87 | 10 | 18 21 49.73 | 3.715 | 25 50 45.8 | 1.908 | (404.) |
| 88 | 8 | 18 22 0.39 | 3.598 | 21 37 21.7 | 1.923 | (398.) Ll. |
| 89 | 5 | 18 22 13.41 | 3.646 | 23 24 48.9 | 1.941 | II. Ll. |
| 90 | 8 | 18 22 30.04 | 3.590 | 21 20 53.8 | 1.966 | (398.) |
| 91 | 8 | 18 22 53.76 | 3.737 | 26 35 31.3 | 2.000 | (404.) |
| 92 | 9 | 18 22 55.20 | 3.386 | 24 49 42.5 | 2.002 | (402.) |
| 93 | 8 | 18 23 28.23 | 3.618 | 22 23 43.1 | 2.051 | (400.) Ll. |
| 94 | 7 | 18 24 4.49 | 3.668 | 24 12 47.6 | 2.102 | III. Ll. |
| 95 | 6 | 18 24 7.45 | 3.633 | 22 54 48.4 | 2.106 | (399.) |
| 96 | 8. 9 | 18 24 10.04 | 3.732 | 26 28 26.8 | 2.110 | (404.) |
| 97 | 8 | 18 24 11.58 | 3.652 | 23 37 38.9 | 2.113 | (400.) |
| 98 | 9 | 18 24 17.85 | 3.668 | 24 13 45.8 | 2.122 | (402.) |
| 99 | 6. 7 | 18 24 17.86 | 3.627 | 22 43 33.2 | 2.122 | (399.) |
| 100 | 10 | 18 24 25.42 | 3.668 | 24 12 46.4 | 2.132 | (402.) |
| 101 | 8. 9 | 18 24 37.87 | 3.745 | 26 54 7.8 | 2.151 | (404.) |
| 102 | 7 | 18 24 43.77 | 3.666 | 24 8 20.4 | 2.160 | IV. Ll. |
| 103 | 7. 8 | 18 25 22.50 | 3.671 | 24 19 52.9 | 2.215 | V. Ll. |
| 104 | 10 | 18 25 30.61 | 3.736 | 26 35 11.0 | 2.226 | (404.) |
| 105 | 6. 7 | 18 25 37.35 | 3.625 | 22 39 23.2 | 2.236 | (399.) Ll. |
| 106 | 8 | 18 26 23.38 | 3.621 | 22 30 46.1 | 2.303 | (399.) |
| 107 | 10 | 18 26 47.59 | 3.728 | 24 21 2.0 | 2.339 | (404.) |
| 108 | 9 | 18 26 56.38 | 3.677 | 26 33 5.3 | 2.352 | VI. |

I. (401) -0.16 +2.1; (402) +0.16 -2.1. II. (399) -0.07 -0.4; (400) +0.07 +0.3.
III. (401) -0.42 +0.1; (402) +0.43 -0.1. IV. (401) -0.11 -0.3; (402) +0.12 +0.3.
V. (401) -0.34 -0.5; (402) +0.34 +0.5. VI. (401) -0.14 +0.1; (402) +0.15 -0.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 109 | 9. 10 | 18 27 16.58 | + 3.689 | - 24 58 43.0 | + 2.382 | (402.) |
| 110 | 8 | 18 27 29.57 | 3.729 | 26 24 18.5 | 2.401 | (404.) |
| 111 | 7. 8 | 18 27 38.80 | 3.658 | 23 52 48.0 | 2.414 | (401.) |
| 112 | 6 | 18 28 55.24 | 3.593 | 21 30 59.9 | 2.524 | (398.) Ll. |
| 113 | 7 | 18 29 50.49 | 3.635 | 23 4 1.5 | 2 604 | (399.) |
| 114 | 5 | 18 29 56.30 | 3.584 | 21 10 16.4 | 2.613 | (398.) Ll. |
| 115 | 8. 9 | 18 31 5.64 | 3.581 | 21 5 44.7 | 2.714 | (398.) |
| 116 | 7 | 18 31 7.08 | 3.627 | 22 47 36.3 | 2.715 | (399.) Ll. |
| 117 | 8 | 18 31 40.11 | 3 596 | 21 37 40.2 | 2.762 | (398.) |
| 118 | 8. 9 | 18 31 45.44 | 3.741 | 26 52 25.3 | 2.770 | (404.) |
| 119 | 9 | 18 32 23.28 | 3.691 | 25 7 22.8 | 2.824 | (403.) |
| 120 | 10 | 18 32 31.30 | 3.696 | 25 18 8.2 | 2.836 | (403.) |
| 121 | 8 | 18 33 0.56 | 3.590 | 21 27 27.8 | 2.879 | (398.) |
| 122 | 8. 9 | 18 33 39.82 | 3.692 | 25 10 18.8 | 2.936 | (403.) |
| 123 | 8. 9 | 18 34 24.27 | 3.725 | 26 21 39.9 | 2.999 | (404.) |
| 124 | 7 | 18 34 35.75 | 3.579 | 21 3 42.8 | 3.016 | I. Ll. |
| 125 | 9. 10 | 18 35 26.54 | 3.701 | 25 30 50.6 | 3.089 | (403.) |
| 126 | 8 | 18 35 27.79 | 3.713 | 25 56 16.8 | 3.091 | (404.) |
| 127 | 7 | 18 35 36.23 | 3.691 | 25 9 24.5 | 3.103 | (403.) Ll. |
| 128 | 8 | 18 35 41.32 | 3.580 | 21 7 7.4 | 3.109 | II. Ll. |
| 129 | 8 | 18 36 21.23 | 3.580 | 21 8 57.7 | 3.167 | III. Ll. |
| 130 | 4 | 18 37 17.75 | 3.618 | 22 32 39.5 | 3.249 | (309.) Ll. B. |
| 131 | 10 | 18 37 52.90 | 3.723 | 26 22 6.5 | 3.386 | (404.) |
| 132 | 10 | 18 38 57.69 | 3.683 | 24 56 22.9 | 3.394 | (403.) |
| 133 | 8 | 18 39 49.13 | 3.728 | 26 33 52.4 | 3.467 | (404.) |
| 134 | 9. 10 | 18 40 20.07 | 3.676 | 24 42 17.6 | 3.511 | (403.) Ll. |
| 135 | 8. 9 | 18 40 42.77 | 3.643 | 23 31 35.4 | 3.543 | (400.) |
| 136 | 8. 9 | 18 41 0.38 | 3.678 | 24 48 15.2 | 3.568 | IV. Ll. |
| 137 | 6. 7 | 18 41 7.96 | 3.629 | 23 0 50.6 | 3.579 | (400.) |

I. (398) -0.16 -1.2; (407) +0.17 +1.1. II. (398) -0.49 +0.4; (407) +0.49 -0.4.
III. (398) -0.20 -0.6; (407) +0.21 -0.6. IV. (401) -0.28 +0.1; (403) +0.29 -0.2.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 138 | 8 | 18 41 17.19 | + 3.739 | - 26 56 7.1 | + 3.593 | (404.) |
| 139 | 6. 7 | 18 41 38.23 | 3.613 | 22 26 1.8 | 3.622 | (399.) Ll. |
| 140 | 5. 6 | 18 41 49.51 | 3.610 | 22 19 46.6 | 3.640 | I. Ll. |
| 141 | 10 | 18 41 50.18 | 3.649 | 23 46 13.9 | 3.640 | (403 ) |
| 142 | 9 | 18 41 54.19 | 3 717 | 26 11 12.8 | 3.646 | (404.) |
| 143 | 7 | 18 42 40.31 | 3.678 | 24 49 30.1 | 3.712 | (401.) Ll. |
| 144 | 5 | 18 43 7.90 | 3.604 | 22 5 34.1 | 3.752 | (399.) Ll. B. |
| 145 | 7 | 18 43 8.58 | 3.735 | 26 49 16.0 | 3.753 | (404.) |
| 146 | 7. 8 | 18 43 36.74 | 3.613 | 22 28 33.3 | 3.794 | (400.) Ll. |
| 147 | 8 | 18 43 38.88 | 3.726 | 26 33 56.9 | 3.797 | (404.) |
| 148 | 8 | 18 43 43.71 | 3.616 | 22 34 1.9 | 3.804 | (400.) |
| 149 | 10 | 18 44 17.84 | 3.659 | 24 10 7.0 | 3.852 | (403.) |
| 150 | 8 | 18 44 20.38 | 3.598 | 21 54 5.1 | 3.856 | II. |
| 151 | 8 | 18 44 56.70 | 3.600 | 22 0 45.7 | 3.909 | (400.) |
| 152 | 8 | 18 45 11.01 | 3.680 | 24 56 57.0 | 3.928 | (403.) Ll. |
| 153 | 7 | 18 45 11.50 | 3.600 | 22 0 49.1 | 3.930 | (399.) |
| 154 | 9 | 18 45 20.33 | 3.679 | 24 53 32.5 | 3.942 | (403.) Ll. |
| 155 | 9 | 18 45 21.16 | 3.651 | 23 53 59.2 | 3.943 | (401.) |
| 156 | 4 | 18 45 57.86 | 3.723 | 26 28 37.6 | 3.996 | (404.) |
| 157 | 4. 5 | 18 46 2.95 | 3.623 | 22 51 11.6 | 4.003 | (400.) Ll. R. |
| 158 | 9 | 18 46 22.81 | 3.687 | 25 12 36.9 | 4.032 | (401.) |
| 159 | 7 | 18 46 47.42 | 3.687 | 25 13 58.1 | 4.066 | (401.) |
| 160 | 10 | 18 46 49.00 | 3.680 | 24 57 55.9 | 4.069 | (403.) |
| 161 | 10 | 18 47 3.41 | 3.717 | 26 18 39.4 | 4.090 | (404.) |
| 162 | 6 | 18 47 29.30 | 3.635 | 23 19 59.1 | 4.126 | (400.) Ll. |
| 163 | 7 | 18 47 32.35 | 3.675 | 24 48 30.6 | 4.130 | III. |
| 164 | 9 | 18 47 55.11 | 3.699 | 25 39 17.9 | 4.163 | (403.) |
| 165 | 9 | 18 48 7.57 | 3.652 | 23 58 51.5 | 4.181 | (401.) |
| 166 | 8 | 18 48 44.89 | 3.632 | 23 15 15.1 | 4.234 | (400.) |

I. (399) -0.01 —; (400) 0.00 0.0. II. (399) +0.03 +0.7; (400) -0.03 -0.8.
III. (401) 0.00 -1.5; (402) +0.01 +1.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 167 | 6. 7 | 18 49 7.63 | + 3.681 | - 25 4 16.0 | + 4.267 | I. Ll. |
| 168 | 10 | 18 49 13.43 | 3.704 | 25 53 12.1 | 4.275 | (404.) |
| 169 | 10 | 18 49 43.15 | 3.687 | 25 17 47.8 | 4.317 | (403.) Ll. |
| 170 | 8. 9 | 18 49 52.12 | 3.632 | 23 16 43.1 | 4.331 | (400.) |
| 171 | 8 | 18 50 16.11 | 3.583 | 21 25 43.3 | 4.364 | II. |
| 172 | 10 | 18 50 24.03 | 3.696 | 25 37 41.3 | 4.376 | (403.) |
| 173 | 9 | 18 50 35.19 | 3.648 | 23 54 20.5 | 4.391 | (402.) |
| 174 | 6 | 18 50 36.53 | 3.597 | 22 1 36.6 | 4.394 | III. Ll. |
| 175 | 8 | 18 50 44.06 | 3.667 | 24 35 53.8 | 4.404 | IV. |
| 176 | 8. 9 | 18 50 58.47 | 3.717 | 26 22 58.7 | 4.424 | (404.) |
| 177 | 8. 9 | 18 51 8.07 | 3.667 | 24 35 21.6 | 4.438 | (401.) |
| 178 | 7. 8 | 18 51 12.47 | 3.682 | 25 8 43.8 | 4.444 | (403.) Ll. |
| 179 | 8. 9 | 18 51 45.69 | 3.637 | 23 29 32.3 | 4.491 | (400.) |
| 180 | 7 | 18 52 19.08 | 3.634 | 23 25 57.7 | 4.538 | (400.) |
| 181 | 8 | 18 52 25.43 | 3.711 | 26 12 38.4 | 4.547 | (404.) |
| 182 | 4 | 18 52 35.11 | 3.620 | 22 54 3.4 | 4.561 | (399.) Ll. |
| 183 | 8 | 18 52 59.54 | 3.604 | 22 18 3.4 | 4.597 | (400.) |
| 184 | 7. 8 | 18 53 7.82 | 3.647 | 23 54 9.0 | 4.608 | (401.) |
| 185 | 8 | 18 53 9.09 | 3.702 | 25 53 51.1 | 4.610 | (404.) |
| 186 | 7 | 18 53 16.37 | 3.624 | 23 2 52.5 | 4.619 | (403.) |
| 187 | 8 | 18 53 33.69 | 3.665 | 24 33 26.0 | 4.645 | V. |
| 188 | 9 | 18 54 32.90 | 3.670 | 24 46 44.9 | 4.728 | (402.) |
| 189 | 9 | 18 54 40.21 | 3.653 | 24 8 47.4 | 4.738 | VI. |
| 190 | 7 | 18 54 41.53 | 3.620 | 22 55 28.5 | 4.741 | VII. |
| 191 | 7. 8 | 18 55 10.31 | 3.616 | 22 46 34.7 | 4.781 | (399.) |
| 192 | 7 | 18 55 33.32 | 3.686 | 25 26 48.7 | 4.813 | (401.) Ll. |
| 193 | 9. 10 | 18 55 37.73 | 3.675 | 25 1 59.1 | 4.820 | (403.) |

I. (401) -0.01 -0.2; (402) -0.03 +1.6; (403) +0.05 -1.5. II. (398) -0.30 -0.5; (407) +0.31 +0.4. III. (399) -0.05 +1.3; (400) +0.06 -1.3. IV. (401) -0.09 +0.1; (402) +0.10 -0.1. V. (401) +0.12 +1.0; (403) -0.12 -1.1. VI. (401) +0.20 +2.2; (402) -0.04 -1.0; (403) -0.16 -1.1. VII. (399) +0.8 -0.8; (400) -0.17 +0.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 194 | 3. 4 | 18 55 41.51 | + 3.593 | - 21 57 21.5 | + 4.826 | (400.) Ll. R. |
| 195 | 8 | 18 55 49.39 | 3.673 | 24 53 5.7 | 4.836 | (402.) Ll. |
| 196 | 9 | 18 55 54.13 | 3.679 | 25 8 9.9 | 4.844 | (403.) |
| 197 | 8 | 18 56 8.24 | 3.573 | 21 9 53.5 | 4.863 | (407.) |
| 198 | 9 | 18 56 26.85 | 3.727 | 26 51 39.4 | 4.890 | (404.) |
| 199 | 7. 8 | 18 56 27.13 | 3.672 | 24 53 44.2 | 4.890 | I. Ll. |
| 200 | 9 | 18 56 50.76 | 3.571 | 21 8 18.8 | 4.924 | II. |
| 201 | 8. 9 | 18 56 58.55 | 3.622 | 23 4 8.9 | 4.936 | (399.) |
| 202 | 8. 9 | 18 57 19.65 | 3.616 | 22 49 20.3 | 4.966 | III. |
| 203 | 5. 6 | 18 56 57.06 | 3.612 | 22 43 15.4 | 5.018 | IV. Ll. |
| 204 | 8. 9 | 18 58 3.88 | 3.584 | 21 39 5.4 | 5.028 | V. |
| 205 | 8 | 18 58 5.29 | 3.667 | 24 44 58.0 | 5.029 | VI. Ll. |
| 206 | 9 | 18 58 22.71 | 3.708 | 26 13 36.7 | 5.054 | (404.) |
| 207 | 9. 10 | 18 58 23.22 | 3.656 | 24 20 58.4 | 5.054 | (402.) |
| 208 | 8. 9 | 18 58 26.91 | 3.589 | 21 50 30.2 | 5.060 | (398.) |
| 209 | 9 | 18 58 38.72 | 3.716 | 26 34 20.6 | 5.076 | (404.) |
| 210 | 9 | 18 58 49.60 | 3.579 | 21 28 23.6 | 5.093 | (407.) |
| 211 | 9 | 18 58 52.80 | 3.696 | 25 50 12.1 | 5.097 | (404.) |
| 212 | 8. 9 | 18 58 56.41 | 3.609 | 22 35 57.1 | 5.104 | (399.) |
| 213 | 8 | 18 59 2.71 | 3.593 | 22 — — | 5.111 | (398.) |
| 214 | 7 | 18 59 4.46 | 3.670 | 24 53 10.6 | 5.113 | VII. Ll. |
| 215 | 8 | 18 59 34.89 | 3.681 | 25 18 37.3 | 5.155 | VIII. Ll. |
| 216 | 8 | 18 59 38.05 | 3.662 | 24 38 51.9 | 5.159 | (402.) |
| 217 | 10 | 18 59 42.50 | 3.578 | 21 28 26.5 | 5.165 | (407.) |
| 218 | 8 | 19 0 30.37 | 3.608 | 22 36 44.0 | 5.232 | IX. |
| 219 | 6 | 19 0 30.84 | 3.629 | 23 25 26.3 | 5.233 | (400.) |

I. (401) +0.11 -3.2; (402) -0.06 +4.6; (403) -0.04 -1.5. II. (398) -0.23 -0.8; (407) +0.23 +0.7. III. (399) +0.04 -0.7; (400) -0.03 +0.7. IV. (399) -0.07 +5.3; (400) +0.08 -5.3. V. (398) -0.14 -0.6; (407) +0.15 +0.6. VI. (401) 0.00 +2.1; (402) -0.10 -0.1; (403) +0.11 -2.1. VII. (401) +0.06 -0.4; (403) -0.05 +0.4. VIII. (401) +0.47 +1.6; (403) -0.46 -1.6. IX. (399) +0.13 +0.5; (400) -0.02 -0.6.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 220 | 9 | 19 0 31.49 | + 3.722 | - 26 46 33.7 | + 5.234 | (404.) |
| 221 | 9 | 19 0 35.33 | 3.725 | 26 53 2.9 | 5.239 | (404.) |
| 222 | 7. 8 | 19 0 44.80 | 3.584 | 21 41 17.7 | 5.253 | (398.) |
| 223 | 9 | 19 0 45.59 | 3.583 | 21 39 26.5 | 5.254 | (398.) |
| 224 | 4 | 19 0 50.49 | 3.572 | 21 15 27.0 | 5.261 | (407.) Ll. R. |
| 225 | 9 | 19 1 0.19 | 3.718 | 26 40 50.5 | 5.275 | (404.) |
| 226 | 8 | 19 1 36.58 | 3.587 | 21 54 34.3 | 5.327 | (400.) |
| 227 | 7 | 19 1 51.98 | 3.655 | 24 25 27.5 | 5.349 | I. Ll. |
| 228 | 10 | 19 1 56.28 | 3.553 | 21 26 57.9 | 5.354 | (407.) |
| 229 | 8 | 19 2 24.30 | 3.663 | 24 41 12.8 | 5.394 | (402.) |
| 230 | 8 | 19 2 58.34 | 3.643 | 23 58 58.2 | 5.441 | II. |
| 231 | 9. 10 | 19 3 4.27 | 3.573 | 21 19 45.1 | 5.450 | (407.) |
| 232 | 6 | 19 3 7.05 | 3.595 | 22 10 17.0 | 5.454 | III. |
| 233 | 10 | 19 3 18.07 | 3.658 | 24 33 31.4 | 5.469 | (403.) |
| 234 | 8 | 19 3 18.45 | 3.687 | 25 35 36.9 | 5.469 | (402.) |
| 235 | 8. 9 | 19 3 29 32 | 3.695 | 25 54 48.1 | 5.485 | (404.) |
| 236 | 5 | 19 3 30.43 | 3.588 | 21 54 9.2 | 5.486 | (399.) R. |
| 237 | 7. 8 | 19 3 36.47 | 3.662 | 24 43 54.8 | 5.494 | IV. Ll. |
| 238 | 7 | 19 3 37.22 | 3.611 | 22 26 0.7 | 5.496 | (400.) |
| 239 | 10 | 19 3 58.66 | 3.700 | 26 7 19.5 | 5.527 | (404.) |
| 240 | 6 | 19 3 59.24 | 3.702 | 26 9 8.9 | 5.528 | (404.) |
| 241 | 8 | 19 3 59.87 | 3.641 | 23 57 15.7 | 5.528 | (405.) |
| 242 | 10 | 19 4 18.39 | 3.686 | 25 35 40.7 | 5.553 | (402.) |
| 243 | 8. 9 | 19 4 45.74 | 3.593 | 22 10 33.0 | 5.592 | (399.) |
| 244 | 8 | 19 4 53.03 | 3.594 | 22 11 35.5 | 5.602 | V. Ll. |
| 245 | 5. 6 | 19 5 9.83 | 3.597 | 22 18 35.6 | 5.626 | (400.) Ll. |
| 246 | 8. 9 | 19 5 55.46 | 3.575 | 21 28 15.4 | 5.689 | (398.) |
| 247 | 4. 5 | 19 6 20.41 | 3.682 | 25 30 37.7 | 5.724 | (402.) R. |

I. (401) -0.04 +1.2; (402) +0.19 +1.9; (403) -0.14 -3.0. II. (401) +0.08 +1.0; (403) -0.08 -1.1. III. (399) -0.01 -0.2; (400) +0.02 +0.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 248 | 7 | 19 6 24.63 | + 3.652 | - 24 25 47.7 | + 5.731 | I. Ll. |
| 249 | 9 | 19 6 31.70 | 3.634 | 23 44 3.2 | 5.741 | (399.) |
| 250 | 9 | 19 6 44.60 | 3.649 | 26 52 20.9 | 5.759 | (404.) |
| 251 | 9 | 19 6 48.95 | 3.649 | 24 20 27.4 | 5.765 | II. |
| 252 | 7. 8 | 19 6 58.96 | 3.590 | 22 5 36.8 | 5.779 | (400) Ll. |
| 253 | 7 | 19 7 0.27 | 3.693 | 25 55 16.7 | 5.780 | (404.) |
| 254 | 8. 9 | 19 7 12.28 | 3.684 | 25 35 59.4 | 5.797 | (402.) |
| 255 | 8 | 19 7 38.96 | 3.588 | 22 3 19.4 | 5.834 | (400.) Ll. |
| 256 | 8 | 19 7 48.32 | 3.626 | 23 28 47.2 | 5.846 | (399.) |
| 257 | 8 | 19 7 58.89 | 3.600 | 22 29 28.8 | 5.862 | (399.) |
| 258 | 8 | 19 8 1.09 | 3.580 | 21 45 25.1 | 5.864 | (398.) Ll. |
| 259 | 7. 8 | 19 8 11.77 | 3.587 | 22 0 45.2 | 5.880 | (400.) Ll. |
| 260 | 8. 9 | 19 8 14.53 | 3.642 | 24 6 12.4 | 5.884 | (401.) |
| 261 | 7 | 19 8 19.80 | 3.570 | 21 20 1.0 | 5.891 | (398.) |
| 262 | 10 | 19 8 27.20 | 3.689 | 25 50 9.4 | 5.901 | (404.) |
| 263 | 9. 10 | 19 8 38.53 | 3.699 | 26 11 23.6 | 5.917 | (404.) |
| 264 | 7. 8 | 19 8 43.20 | 3.583 | 21 52 42.5 | 5.923 | III. |
| 265 | 9 | 19 8 51.51 | 3.675 | 25 20 6.3 | 5.936 | IV. Ll. |
| 266 | 8. 9 | 19 9 0.01 | 3.580 | 21 46 12.9 | 5.947 | (398.) Ll. |
| 267 | 10 | 19 9 14.20 | 3.668 | 25 4 55.1 | 5.967 | (403.) |
| 268 | 9. 10 | 19 9 27.67 | 3.702 | 26 20 22.2 | 5.986 | (404.) |
| 269 | 9 | 19 9 46.62 | 3.701 | 26 18 25.8 | 6.012 | (404.) |
| 270 | 8 | 19 9 56.08 | 3.585 | 21 58 9.5 | 6.025 | V. |
| 271 | 10 | 19 10 11.06 | 3.656 | 24 39 5.3 | 6.046 | (402.) |
| 272 | 8 | 19 10 13.02 | 3.633 | 23 49 33.1 | 6.049 | VI. |
| 273 | 8 | 19 10 21.88 | 3.591 | 22 12 40.2 | 6.061 | VII. |
| 274 | 9 | 19 10 33.20 | 3.590 | 22 12 55.3 | 6.076 | (400.) |

I. (401) +0.05 +1.0; (403) -0.07 -1.1. II. (401) -0.12 +0.5; (403) +0.13 -0.5. III. (399) +0.23 -0.6; (400) -0.23 +0.5. IV. (401) -0.07 +0.8; (402) +0.09 -1.4; (403) -0.03 +0.7. V. (399) -0.07 -0.1; (400) +0.07 0.0. VI. (401) -0.15 +2.6; (403) +0.15 -2.6. VII. (399) +0.12 -0.1; (400) -0.11 0.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 275 | 10 | 19 10 51.37 | + 3.711 | - 26 43 15.4 | + 6.101 | (404.) |
| 276 | 8 | 19 11 8.82 | 3.661 | 24 54 9.8 | 6.127 | I. |
| 277 | 8 | 19 11 28.92 | 3.589 | 22 8 14.6 | 6.154 | (399.) |
| 278 | 9 | 19 11 33.02 | 3.572 | 21 31 59.9 | 6.159 | (398.) |
| 279 | 6 | 19 11 34.67 | 3.649 | 24 28 38.5 | 6.162 | (402.) Ll. |
| 280 | 10 | 19 11 40.92 | 3.636 | 23 59 15.9 | 6.170 | (403.) |
| 281 | 8 | 19 11 45.98 | 3.685 | 25 48 16.6 | 6.177 | II. Ll. |
| 282 | 7 | 19 11 56.92 | 3.579 | 21 48 36.8 | 6.193 | (398.) |
| 283 | 7 | 19 11 57.85 | 3.586 | 22 4 32.0 | 6.194 | (400.) R. |
| 284 | 8 | 19 12 0.38 | 3.634 | 23 53 30.0 | 6.197 | III. |
| 285 | 8 | 19 12 29.99 | 3.702 | 26 26 26.9 | 6.238 | (404.) |
| 286 | 7. 8 | 18 12 56.36 | 3.581 | 21 55 16.7 | 6.274 | (400.) |
| 287 | 9 | 19 13 35.58 | 3.631 | 23 51 32.4 | 6.329 | IV. |
| 288 | 8. 9 | 19 13 49.81 | 3.600 | 22 40 18.1 | 6.349 | (400.) |
| 289 | 9 | 19 14 17.34 | 3.644 | 24 20 3.7 | 6.387 | V. |
| 290 | 9. 10 | 19 14 55.39 | 3.626 | 23 37 52.5 | 6.439 | (402.) |
| 291 | 7. 8 | 19 15 2.45 | 3.583 | 22 2 14.3 | 6.449 | (400.) |
| 292 | 7 | 19 15 24 54 | 3.605 | 22 54 17.6 | 6.480 | (400.) Ll. |
| 293 | 10 | 19 15 40.03 | 3.679 | 25 41 3.8 | 6.501 | (403.) |
| 294 | 4. 5 | 19 16 8.60 | 3.654 | 24 47 42.3 | 6.542 | VI. Ll. |
| 295 | 7. 8 | 19 16 15.21 | 3.652 | 24 42 1.6 | 6.550 | (401.) Ll. |
| 296 | 8 | 19 17 27.64 | 3.702 | 26 36 38.2 | 6.650 | (404.) |
| 297 | 9 | 19 17 33.25 | 3.682 | 25 52 32.2 | 6.657 | (402.) Ll. |
| 298 | 8. 9 | 19 17 52.61 | 3.640 | 24 20 26.8 | 6.685 | VII. Ll. |
| 299 | 10 | 19 18 15.73 | 3.699 | 26 30 1.8 | 6.717 | (404.) |
| 300 | 10 | 19 18 50.24 | 3.554 | 21 1 13.8 | 6.763 | (408.) |

I. (401) -0.18 +1.6; (402) +0.19 -1.6. II. (401) -0.04 -1.8; (404) +0.05 +1.7. III. (402) +0.09 +0.9; (403) -0.08 -1.0. IV. (401) +0.09 +2.1; (402) -0.14 -1.2; (403) +0.04 -1.0. V. (402) -0.09 -0.5; (403) +0.09 +0.5. VI. (401) +0.05 +2.9. (402) +0.02 +0.5; (403) -0.07 -3.3. VII. (401) -0.08 +1.7; (402) +0.02 -0.4; (403) +0.06 -1.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 301 | 10 | 19 18 51.57 | + 3.639 | - 24 19 39.4 | + 6.766 | I. |
| 302 | 8. 9 | 19 19 37.02 | 3.689 | 26 11 54.1 | 6.841 | (404.) |
| 303 | 9. 10 | 19 19 41.68 | 3.687 | 26 8 5.3 | 6.847 | (404.) |
| 304 | 9. 10 | 19 19 55.33 | 3.643 | 24 31 34.5 | 6.852 | II. |
| 305 | 9 | 19 20 11.32 | 3.646 | 24 37 38.5 | 6.874 | (402.) |
| 306 | 9 | 19 20 25.89 | 3.686 | 26 6 15.0 | 6.894 | (404.) |
| 307 | 8. 9 | 19 20 26.03 | 3.643 | 24 30 57.0 | 6.894 | III. |
| 308 | 8 | 19 20 48.55 | 3.567 | 21 38 32.1 | 6.929 | IV. |
| 309 | 9. 10 | 19 20 58.92 | 3.655 | 24 59 52.3 | 6.939 | V. |
| 310 | 8. 9 | 19 21 1.61 | 3.678 | 25 49 14.5 | 6.943 | (404.) |
| 311 | 9. 10 | 19 21 26.40 | 3.555 | 21 8 25.6 | 6.976 | VI. |
| 312 | 9. 10 | 19 21 30.50 | 3.652 | 24 53 21.1 | 6.983 | VII. |
| 313 | 9 | 19 21 47.00 | 3.678 | 25 50 27.6 | 7.005 | (404.) |
| 314 | 6. 7 | 19 21 50.36 | 3.635 | 24 15 31.8 | 7.009 | (401.) Ll. |
| 315 | 8 | 19 22 5.46 | 3.686 | 26 12 39.0 | 7.030 | (404.) |
| 316 | 8 | 19 22 6.50 | 3.639 | 24 24 6.0 | 7.032 | VIII. Ll. |
| 317 | 6. 7 | 19 22 31.14 | 3.556 | 21 20 56.0 | 7.065 | IX. Ll. |
| 318 | 10 | 19 22 42.73 | 3.660 | 25 14 47.7 | 7.082 | (403.) |
| 319 | 8. 9 | 19 22 55.71 | 3.624 | 23 53 16.3 | 7.099 | X. |
| 320 | 8 | 19 23 20.26 | 3.570 | 21 49 41.8 | 7.132 | (408.) Ll. B. |
| 321 | 6 | 19 23 25.16 | 3.602 | 23 3 15.5 | 7.138 | (399.) |
| 322 | 9 | 19 23 37.43 | 3.659 | 25 14 25.5 | 7.155 | (402.) |
| 323 | 9 | 19 23 40.79 | 3.659 | 25 15 24.5 | 7.161 | XI. |
| 324 | 8 | 19 23 40.93 | 3.688 | 26 20 33.3 | 7.161 | (404.) |
| 325 | 8 | 19 24 30.79 | 3.591 | 22 40 32.5 | 7.229 | (399.) |
| 326 | 10 | 19 24 48.61 | 3.640 | 24 35 23.4 | 7.254 | (402.) |

I. (402) +0.06 +0.4; (403) -0.06 -0.5. II. (401) +0.13 0.0; (403) -0.12 -0.1. III. (401) -0.07 +1.8; (402) +0.10 -0.4; (403) -0.02 -1.3. IV. (398) +0.06 -1.1; (408) -0.06 +1.0. V. (402) -0.04 +1.4; (403) +0.04 -1.4. VI. (396) +0.03 -2.3; (408) -0.03 +2.2. VII. (402) +0.10 -0.6; (403) -0.10 +0.5. VIII. (401) -0.05 +2.1; (402) +0.06 -2.1. IX. (398) +0.01 -1.9; (408) 0.00 +1.8. X. (401) -0.05 +4.1; (408) +0.06 -4.1. XI. (401) +0.27 0.0; (403) -0.26 0.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 327 | 9 | 19 25 2.52 | + 3.589 | - 22 36 55.0 | + 7.273 | (399.) |
| 328 | 8 | 19 25 7.42 | 3.555 | 21 15 6.9 | 7.278 | (398.) |
| 329 | 9 | 19 25 14.16 | 3.650 | 24 56 55.2 | 7.288 | I. |
| 330 | 7 | 19 25 15.97 | 3.615 | 23 38 42.4 | 7.291 | (400.) |
| 331 | 9 | 19 25 41.49 | 3.645 | 24 48 56.6 | 7.325 | II. |
| 332 | 8. 9 | 19 26 20.06 | 3.646 | 24 51 44.7 | 7.378 | (402.) |
| 333 | 7 | 19 26 37.28 | 3.614 | 23 37 59.1 | 7.400 | (400.) |
| 334 | 9 | 19 26 40.83 | 3.693 | 26 37 31.1 | 7.406 | (404.) |
| 335 | 7 | 19 26 42.74 | 3.550 | 21 5 56.0 | 7.409 | (408.) |
| 336 | 6. 7 | 19 26 44.21 | 3.585 | 22 29 24.8 | 7.410 | (399.) |
| 337 | 9 | 19 26 49.98 | 3.642 | 24 41 59.1 | 7.418 | (402.) |
| 338 | 8 | 19 26 52.69 | 3.682 | 26 12 32.4 | 7.422 | (404.) |
| 339 | 6. 7 | 19 26 54.92 | 3.651 | 25 2 35.0 | 7.424 | III. Ll. B. |
| 340 | 10 | 19 26 59.19 | 3.553 | 21 14 42.8 | 7.430 | (408.) |
| 341 | 9 | 19 27 28.45 | 3.646 | 24 52 41.9 | 7.459 | IV. |
| 342 | 8 | 19 27 46.69 | 3.610 | 23 30 31.0 | 7.495 | V. |
| 343 | 8. 9 | 19 27 52.22 | 3.586 | 22 35 50.4 | 7.502 | (399.) |
| 344 | 9 | 19 27 53 97 | 3.659 | 25 24 20.4 | 7.504 | (402.) |
| 345 | 7 | 19 28 22.03 | 3.586 | 22 35 11.7 | 7.543 | VI. |
| 346 | 10 | 19 28 53.17 | 3.549 | 21 8 46 8 | 7.584 | (408.) |
| 347 | 9. 10 | 19 29 3.02 | 3.643 | 24 52 38.0 | 7.598 | VII. |
| 348 | 9 | 19 29 31.15 | 3.586 | 22 37 5.3 | 7.635 | (400.) |
| 349 | 10 | 19 30 8.40 | 3 605 | 23 24 5.9 | 7.685 | (399.) |
| 350 | 9 | 19 30 19.88 | 3.633 | 24 30 48.2 | 7.689 | VIII. |
| 351 | 9 | 19 30 33.00 | 3.632 | 24 28 41 5 | 7.719 | (402.) |
| 352 | 7. 8 | 19 30 46 27 | 3.695 | 23 3 58.4 | 7.737 | (399.) |
| 353 | 6 | 19 30 59.67 | 3.575 | 22 14 4.4 | 7.756 | (400.) Ll. |

I. (401) -0.06 -2.2; (402) +0.01 +0.6; (403) +0.05 +1.7. II. (401) +0.12 +0.4. (402) +0.11 +0.3; (403) -0.24 -0.6. III. (401) -0.10 +1.0; (403) +0.11 -1.1. IV. (401) +0.18 +1.4; (402) +0.11 +1.3; (403) -0.30 -2.6. V. (399) 0.00 +1.9; 400) 0 00 -2.0. VI. (399) +0.08 +0.4; (400) -0.08 -0.5. VII. (401) -0.22 +0.8; (402) +0.19 -2.4; (403) +0.02 -0.3. VIII. (401) -0.09 +1.5; (403) 0.00 +0.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 354 | 7. 8 | 19 31 5.90 | + 3.613 | -23 46 5.7 | + 7.764 | (403.) Ll. |
| 355 | 7 | 19 31 21.44 | 3.611 | 23 40 12.3 | 7.784 | 400.) Ll. |
| 356 | 8 | 19 31 25.96 | 3.595 | 23 3 32.9 | 7.791 | (399.) |
| 357 | 8. 9 | 19 31 57.90 | 3.547 | 21 10 35.5 | 7.833 | (408.) |
| 358 | 9 | 19 32 3.21 | 3.618 | 23 59 31.2 | 7.840 | I. |
| 359 | 9 | 19 32 29.31 | 3.649 | 25 10 48.7 | 7.875 | (402.) Ll. |
| 360 | 9. 10 | 19 32 40.01 | 3.617 | 23 58 46.5 | 7.889 | (403.) Ll. |
| 361 | 7 | 19 32 51.06 | 3.564 | 21 53 56.5 | 7.904 | II. |
| 362 | 9. 10 | 19 32 58.25 | 3.546 | 21 10 38.4 | 7.913 | (408.) Ll. |
| 363 | 9. 10 | 19 33 11.09 | 3.691 | 26 47 23.1 | 7.931 | (404.) |
| 364 | 6 | 19 33 16.30 | 3.648 | 25 12 13.8 | 7.938 | (402.) Ll. |
| 365 | 9. 10 | 19 33 22.14 | 3.554 | 21 30 23.7 | 7.947 | III. |
| 366 | 9 | 19 33 32.93 | 3.634 | 24 43 29.2 | 7.961 | (403 ) Ll. |
| 367 | 10 | 19 34 21.70 | 3.615 | 23 57 56.2 | 8.027 | (403.) |
| 368 | 8 | 19 34 38.45 | 3.642 | 25 4 4.8 | 8.047 | (402.) Ll. |
| 369 | 9 | 19 34 39.15 | 3.614 | 23 55 52.0 | 8.049 | (402.) |
| 370 | 8 | 19 34 41.78 | 3.572 | 22 16 53.9 | 8.053 | (399.) |
| 371 | 9 | 19 34 47.08 | 3.691 | 26 53 48.1 | 8.060 | (404.) |
| 372 | 9. 10 | 19 34 49.86 | 3.585 | 22 48 5.8 | 8.064 | (400.) |
| 373 | 9. 10 | 19 35 9.24 | 3.566 | 22 4 27.4 | 8.089 | (399.) |
| 375 | 10 | 19 35 13.96 | 3.689 | 26 48 33.0 | 8.095 | (404.) |
| 375 | 9. 10 | 19 35 42.86 | 3.660 | 25 39 43.9 | 8.134 | IV. |
| 376 | 7 | 19 35 44.77 | 3.587 | 22 53 54.4 | 8.136 | (400.) Ll. |
| 377 | 7. 8 | 19 35 46.00 | 3.543 | 21 8 35.4 | 8.138 | (398.) |
| 378 | 9 | 19 36 3.86 | 3.659 | 25 43 52.1 | 8.162 | (402.) |
| 379 | 8. 9 | 19 36 12.28 | 3.581 | 22 43 50.6 | 8.173 | V. |
| 380 | 10 | 19 36 16.44 | 3.667 | 26 2 17.7 | 8.178 | (404.) |
| 381 | 9 | 19 36 29.37 | 3.653 | 25 31 44.2 | 8.196 | (402.) |

I. (401) +0.09 +1.4; (402) -0.09 -1.9; (403) 0.00 +0.4. II. (399) +0.06 +1.0; (400) -0.06 -1.0. III. (398) +0.08 -1.5; (408) -0.08 +1.4. IV. (402) -0.05 +1.4; (403) +0.06 -1.5. V. (399) +0.07 +3.5; (400) -0.07 -3.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 382 | 8 | 19 36 45.17 | + 3.584 | - 22 51 0.8 | + 8.216 | (399.) |
| 383 | 8 | 19 37 0.24 | 3.573 | 22 25 50.8 | 8.237 | (400.) |
| 384 | 9 | 19 37 12.91 | 3.545 | 21 18 10.2 | 8.234 | (398.) |
| 385 | 7. 8 | 19 37 19.55 | 3.645 | 25 14 15.4 | 8.264 | (402.) Ll. |
| 386 | 8 | 19 37 46.29 | 3.544 | 21 15 58.9 | 8.298 | (398.) |
| 387 | 8 | 19 38 6.24 | 3.614 | 24 5 45.9 | 8.325 | (402.) Ll. |
| 388 | 7. 8 | 19 38 31.52 | 3.589 | 23 10 24.0 | 8.359 | (400.) |
| 389 | 8 | 19 38 31.92 | 3.561 | 22 0 6.3 | 8.359 | (399.) |
| 390 | 6 | 19 38 35.92 | 3.566 | 22 11 28.7 | 8.364 | I. |
| 391 | 8. 9 | 19 39 26.00 | 3.537 | 21 3 18.2 | 8.432 | (398.) |
| 392 | 8. 9 | 19 40 45.83 | 3.679 | 26 43 56.5 | 8.535 | (404.) |
| 393 | 8. 9 | 19 40 54.58 | 3.537 | 21 7 1.4 | 8.547 | (398.) |
| 394 | 8 | 19 41 15.29 | 3.556 | 21 53 48.0 | 8.573 | (399.) |
| 395 | 6 | 19 41 19.26 | 3.587 | 23 9 7.5 | 8.579 | (400.) Ll. |
| 396 | 7. 8 | 19 41 28.02 | 3.559 | 22 0 54.8 | 8.590 | (399.) |
| 397 | 10 | 19 41 31.79 | 3.674 | 26 32 35.0 | 8.596 | (404.) |
| 398 | 9. 10 | 19 42 7.27 | 3.600 | 23 44 17.7 | 8.642 | (400.) |
| 399 | 8 | 19 42 29.79 | 3.546 | 21 31 29.0 | 8.672 | (398.) |
| 400 | 10 | 10 42 35.34 | 3.576 | 22 45 39.2 | 8.678 | (399.) |
| 401 | 8. 9 | 19 43 44.94 | 3.570 | 22 35 43.4 | 8.770 | (399.) |
| 402 | 6 | 19 43 52.38 | 3.593 | 23 32 9.1 | 8.781 | (400.) |
| 403 | 10 | 19 44 46.85 | 3.593 | 21 20 39.4 | 8.852 | (398.) |
| 404 | 8 | 19 45 6.53 | 3.575 | 22 50 34.6 | 8.879 | (399.) |
| 405 | 9 | 19 45 13.99 | 3.680 | 26 57 37.3 | 8.888 | (404.) |
| 406 | 10 | 19 45 41.69 | 3.557 | 22 7 46.0 | 8.925 | (399.) |
| 407 | 6 | 19 46 38.66 | 3.671 | 26 41 35.0 | 8.999 | (404.) Ll. |
| 408 | 7. 8 | 19 46 40.32 | 3.550 | 21 53 44.4 | 9.001 | (400.) |
| 409 | 8 | 19 46 42.18 | 3.677 | 25 56 27.9 | 9.004 | (404.) Ll. |
| 410 | 5. 6 | 19 47 42.95 | 3.587 | 23 27 26.8 | 9.083 | (400.) Ll. |

I. (399) +0.12 +1.0; (400) -0.11 -1.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ' " | " | ° ' " | " | |
| 411 | 7 | 19 47 46.71 | + 3.570 | - 22 45 44.4 | + 9.088 | (399.) |
| 412 | 8. 9 | 19 48 6.46 | 3.667 | 26 36 52.8 | 9.113 | (404.) |
| 413 | 7 | 19 48 45.11 | 3.583 | 23 19 54.9 | 9.163 | I. |
| 414 | 8. 9 | 19 49 30.22 | 3.580 | 22 59 23.8 | 9.222 | (399.) |
| 415 | 9. 10 | 19 49 45.86 | 3.574 | 23 1 4.0 | 9.243 | (399.) |
| 416 | 5 | 19 49 48.66 | 3.564 | 26 35 49.4 | 9.246 | (404.) |
| 417 | 5. 6 | 19 50 40.30 | 3.563 | 22 36 51.9 | 9.313 | (400.) Ll. |
| 418 | 9. 10 | 19 51 20.27 | 3.605 | 24 21 37.2 | 9.363 | (403.) |
| 419 | 10 | 19 51 31.39 | 3.656 | 26 20 54.1 | 9.378 | (404.) |
| 420 | 8 | 19 51 46.95 | 3.662 | 26 37 49.5 | 9.389 | (404.) |
| 421 | 10 | 19 51 47.98 | 3.611 | 24 35 35.3 | 9.399 | (403.) |
| 422 | 5 | 19 51 53.43 | 3.572 | 23 2 34.9 | 9.406 | (399.) Ll. |
| 423 | 9 | 19 52 17.74 | 3.544 | 21 52 17.1 | 9.438 | (408.) Ll. |
| 424 | 9 | 19 52 21.52 | 3.546 | 21 57 43.0 | 9.443 | (400.) |
| 425 | 4 | 19 52 28.78 | 3.575 | 23 8 44.5 | 9.452 | (399.) Ll. |
| 426 | 7 | 19 52 45.69 | 3.558 | 22 31 9.0 | 9.474 | (400.) |
| 427 | 9 | 19 53 24.38 | 3.534 | 21 29 57.9 | 9.522 | II. |
| 428 | 8 | 19 53 43.10 | 3.575 | 23 14 47.1 | 9.547 | (399.) |
| 429 | 8 | 19 53 53.91 | 3.655 | 26 27 19.1 | 9.561 | (404.) |
| 430 | 9 | 19 54 9.18 | 3.525 | 21 9 27.7 | 8.581 | III. |
| 431 | 6 | 19 54 33.97 | 3.577 | 23 22 26.9 | 9.612 | (399.) Ll. |
| 432 | 4. 5 | 19 54 50.70 | 3.568 | 23 0 45,3 | 9.634 | (400.) Ll. |
| 433 | 8 | 19 55 9.98 | 3.663 | 26 44 38.3 | 9.659 | (404.) |
| 434 | 9. 10 | 19 55 2.08 | 3.611 | 24 46 10.5 | 9.649 | (403.) |
| 435 | 8 | 19 55 20.11 | 3.602 | 24 24 2.1 | 9.671 | (402.) |
| 436 | 6. 7 | 19 55 34.01 | 3.558 | 22 36 19.0 | 9.689 | (399.) Ll. |
| 437 | 8 | 19 56 7.78 | 3.536 | 21 43 56.8 | 9.733 | (408.) Ll. |
| 438 | 9 | 19 56 11.33 | 3.627 | 25 28 47.1 | 9.737 | IV. |

I. (399) +0.08 +0.4; (400) -0.08 -0.4. II. (398) +0.03 -2.2; (408) -0.03 +2.1.
III. (398) +0.06 -3.0; (408) -0.05 +2.9. IV. (402) -0.03 +5.9; (403) +0.04 -6.0.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 439 | 8 | 19 56 26.01 | + 3.568 | - 23 3 10.8 | 9.758 | I. |
| 440 | 10 | 19 57 3.15 | 3.662 | 26 54 9.9 | 9.803 | (404.) |
| 441 | 10 | 19 57 19.32 | 3.527 | 21 25 24.7 | 9.824 | (408.) |
| 442 | 8 | 19 57 39.11 | 3.660 | 26 51 35.3 | 9.849 | (404.) |
| 443 | 5. 6 | 19 57 44.56 | 3.543 | 22 5 52.6 | 9.856 | II. Ll. |
| 444 | 9 | 19 58 42.31 | 3.595 | 24 18 35.7 | 9.929 | (403.) Ll. |
| 445 | 9 | 19 58 51.32 | 3.522 | 21 15 35.6 | 9.939 | (408.) |
| 446 | 9 | 19 59 27.65 | 3.598 | 24 28 46.6 | 9.986 | III. |
| 447 | 7 | 19 59 39.79 | 3.587 | 24 1 2.4 | 10.002 | IV. Ll. |
| 448 | 8 | 19 59 56.05 | 3.565 | 23 7 30.2 | 10.022 | (399.) |
| 449 | 7. 8 | 19 59 58.56 | 3.652 | 26 39 13.5 | 10.026 | (404.) |
| 450 | 10 | 20 0 21.25 | 3.597 | 24 27 22.2 | 10.053 | V. |
| 451 | 9 | 20 0 25.85 | 3.569 | 23 18 22.7 | 10.059 | (400.) |
| 452 | 8 | 20 0 46.88 | 3.513 | 21 1 27.8 | 10.086 | (408.) Ll. |
| 453 | 9 | 20 0 53.66 | 3.551 | 22 34 42.0 | 10.095 | (398.) |
| 454 | 9 | 20 0 55.80 | 3.641 | 26 18 34.3 | 10.097 | (404.) |
| 455 | 7 | 20 1 3.85 | 3.626 | 25 43 9.2 | 10.108 | (401.) Ll. |
| 456 | 8 | 20 1 4.03 | 3.624 | 25 37 40.5 | 10.108 | (401.) Ll. |
| 457 | 8 | 20 1 5.50 | 5.536 | 21 57 30.7 | 10.109 | (400.) |
| 458 | 8 | 20 1 26.17 | 3.617 | 25 21 40.8 | 10.135 | VI. Ll. |
| 459 | 8. 9 | 20 1 55.74 | 3.594 | 24 27 30.6 | 10.172 | (402.) |
| 460 | 10 | 20 2 6.72 | 3.635 | 26 6 46.8 | 10.186 | (404.) |
| 461 | 8. 9 | 20 2 30.16 | 3.598 | 24 39 58.4 | 10.215 | VII. |
| 462 | 7 | 20 2 34.72 | 3.544 | 22 23 34.6 | 10.221 | (400.) Ll. |
| 463 | 10 | 20 3 12.11 | 3.599 | 24 43 11.7 | 10.267 | VIII. |
| 464 | 7 | 20 3 18.47 | 3.544 | 22 23 25.3 | 10.275 | (399.) |
| 465 | 9 | 20 3 45.04 | 3.578 | 23 52 59.0 | 10.309 | IX. |

I. (399) -0.03 +0.6; (400) +0.04 -0.6. II. (399) +0.13 -0.7; (400) -0.12 +0.7; III. (402) +0.21 +0.5; (403) -0.20 -0.5. IV. (401) -0.09 -2.6; (402) +0.09 +2.5. V. (402) -0.08 +0.4; (403) +0.09 -0.5. VI. (402) +0.02 +0.9; (403) -0.01 -1.0. VII. (402) +0.12 -0.1; (403) -0.11 0.0. VIII. (402) +0.07 -1.1; (403) -0.07 +1.0. IX. (401) -0.06 +2.0; (403) +0.06 -2.0.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 466 | 8 | 20 3 47.06 | + 3.611 | -25 14 57.6 | + 10.311 | (402.) Ll. |
| 467 | 6 | 20 4 0.10 | 3.567 | 23 25 43.5 | 10.328 | I. |
| 468 | 10 | 20 4 8.60 | 3.612 | 25 18 43.0 | 10.339 | II. Ll. |
| 469 | 9 | 20 4 25.61 | 3.530 | 21 53 16.2 | 10.360 | III. |
| 470 | 9 | 20 4 27.15 | 3.545 | 22 30 28.2 | 10.361 | (400.) |
| 471 | 9 | 20 4 41.39 | 3.523 | 21 46 36.4 | 10 379 | (398.) |
| 472 | 7. 8 | 20 5 21.18 | 3.563 | 23 19 34.9 | 10.429 | (399.) |
| 473 | 7 | 20 5 28.04 | 3.543 | 22 29 15.3 | 10.438 | (400.) |
| 474 | 9 | 20 5 55.25 | 3.522 | 21 38 26.3 | 10.471 | (398.) |
| 475 | 10 | 20 6 5.79 | 3.514 | 21 15 15.3 | 10.485 | (408.) |
| 476 | 9. 10 | 20 6 12.39 | 3.599 | 24 53 55.0 | 10.492 | IV. |
| 477 | 9. 10 | 20 6 37.68 | 3.592 | 24 38 54.0 | 10.525 | V. |
| 478 | 7. 8 | 20 6 43.58 | 3.528 | 21 54 51.5 | 10.533 | (400.) |
| 479 | 9 | 20 7 15.29 | 3.583 | 24 17 23.7 | 10.571 | VI. Ll. |
| ~~480~~ | ~~7. 8~~ | ~~20 7 16.35~~ | ~~3.576~~ | ~~24~~ | ~~10.572~~ | ~~(400.)~~ |
| 481 | 9 | 20 7 16.41 | 3.576 | 23 57 54.2 | 10.572 | (403.) |
| 482 | 10 | 20 7 52.93 | 3.636 | 26 33 57.4 | 10.693 | (404.) |
| 483 | 10 | 20 8 41.26 | 3.632 | 26 25 43.6 | 10.677 | (404.) |
| 484 | 9 | 20 9 8.88 | 3.594 | 24 49 50.1 | 10.712 | VII. Ll. |
| 485 | 10 | 20 9 10.73 | 3.591 | 24 43 46.0 | 10.714 | (403.) |
| 486 | 5. 6 | 20 9 16.25 | 3.537 | 22 27 34.2 | 10.720 | (400.) |
| 487 | 8 | 20 9 59.18 | 3.581 | 24 21 29.0 | 10.774 | VIII. Ll. |
| 488 | 8 | 20 10 22.39 | 3.540 | 22 35 27.0 | 10.802 | (400.) |
| 489 | 7 | 20 10 46.38 | 3.612 | 25 41 12.5 | 10.831 | (401.) Ll. |
| 490 | 9 | 20 11 9 96 | 3.526 | 22 2 45.0 | 10.861 | (400.) |
| 491 | 7 | 20 11 26.29 | 3.611 | 25 40 38.4 | 10.881 | (401.) Ll. |
| 492 | 10 | 20 11 42.62 | 3.599 | 25 15 32.5 | 10.902 | IX. |

I. (399) -0.01 -1.4; (400) +0.01 +1.4. II. (402) -0.12 +0.9; (403) +0.13 -1.0. III. (398) +0.23 0.0; (408) -0.23 —. IV. (401) +0.02 +1.0; (402) -0.09 -2.1; (403) +0.08 +1.0. V. (401) +0.06 +4.4; (402) +0.19 -2.7; (403) -0.25 -2.6. VI. (402) +0.18 +0.4; (403) -0.18 -0.5. VII. (402) +0.17 +1.7; (403) -0.16 -1.8. VIII. (402) +0.17 -0.6; (403) -0.17 +0.6. IX. (402) -0.08 -0.1; (403) +0.09 +0.1.

480 zu 481 = 16.28 54.2

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h | ″ | ° | ″ | |
| 493 | 8. 9 | 20 11 46.59 | 3.599 | -25 16 0.0 | +10.906 | I. |
| 494 | 9. 10 | 20 12 16.85 | 3.588 | 24 47 58.2 | 10.943 | II. |
| 495 | 8. 9 | 20 12 32.49 | 3.551 | 23 15 0.3 | 10.962 | (399.) |
| 496 | 7 | 20 12 36.40 | 3.567 | 23 56 50.4 | 10.967 | III. Ll. |
| 497 | 9 | 20 12 47.37 | 3.520 | 21 53 5.1 | 10.980 | (408.) |
| 498 | 10 | 20 12 55.29 | 3.604 | 26 29 46.8 | 10.990 | (404.) |
| 499 | 10 | 20 13 27.59 | 3.627 | 26 27 55.5 | 11.030 | (404.) |
| 500 | 7. 8 | 20 13 48.08 | 3.540 | 22 49 5.6 | 11.056 | IV. |
| 501 | 8 | 20 13 57.99 | 3.600 | 25 24 5.5 | 11.067 | V. |
| 502 | 8. 9 | 20 14 4.45 | 3.601 | 25 27 48.1 | 11.074 | VI. |
| 503 | 10 | 20 14 12.93 | 3.623 | 26 21 47.1 | 11.085 | (404.) |
| 504 | 10 | 20 14 43.77 | 3.585 | 24 51 16.2 | 11.122 | (403.) |
| 505 | 10 | 20 14 43.85 | 3.515 | 21 48 6.1 | 11.122 | (415.) |
| 506 | 9. 10 | 20 14 46.71 | 3.497 | 21 0 21.5 | 11.125 | (408.) |
| 507 | 9. 10 | 20 15 7.09 | 3.606 | 25 42 44.3 | 11.150 | (402.) |
| 508 | 10 | 20 15 7.32 | 3.547 | 23 12 23.1 | 11.150 | (400.) |
| 509 | 7. 8 | 20 15 26.57 | 3.564 | 23 57 17.1 | 11.174 | (402.) |
| 510 | 6 | 20 15 26.80 | 3.565 | 24 — — | 11.174 | (399.) |
| 511 | 8 | 20 15 33.15 | 3.531 | 22 31 44.6 | 11.182 | VII. Ll. |
| 512 | 6 | 20 15 35.31 | 3.618 | 26 18 45.3 | 11.185 | (404.) |
| 513 | 9 | 20 15 36.05 | 3.505 | 21 23 33.7 | 11.185 | (408.) |
| 514 | 10 | 20 15 47.06 | 3.581 | 24 44 11.0 | 11.198 | VIII. |
| 515 | 8. 9 | 20 16 17.76 | 3.556 | 23 39 49.7 | 11.237 | IX. |
| 516 | 8. 9 | 20 16 28.68 | 3.563 | 23 57 45.6 | 11.250 | X. |
| 517 | 8. 9 | 20 16 47.25 | 3.523 | 22 16 1.8 | 11.271 | (400.) |

I. (402) -0.03 +1.4; (403) +0.04 -1.5 II. (402) -0.05 +0.9; (403) +0.05 -1.0. III. (399) -0.07 —; (400) -0.07 —; (401) -0.07 -1.0; (402) +0.23 +1.0. IV. (399) +0.03 -1.2; (400) +0.03 -2.6; (415) -0.07 +3.8. V. (401) +0.11 -0.1; (402) +0.06 +1.0; (403) -0.17 -0.9. VI. (401) -0.03 +2.0; (402) -0.02 -2.0; (403) +0.05 +0.1. VII. (399) -0.22 -2.9; (400) +0.07 -1.3; (415) +0.15 +4.1. VIII. (401) +0.08 -0.1; (403) -0.07 0.0. IX. (399) +0.19 -5.1; (415) -0.18 +5.1. X. (401) +0.18 +0.6; (402) +0.32 +0.8; (403) -0.50 -1.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 518 | 10 | 20 17 9.94 | + 3.594 | −25 19 45.4 | + 11.299 | (402.) |
| 519 | 8 | 20 17 17.56 | 3.596 | 25 25 49.4 | 11.321 | (402.) Ll. |
| 520 | 8. 9 | 20 17 38.20 | 3.537 | 22 55 52.2 | 11.333 | I. |
| 521 | 8 | 20 18 9.51 | 3.587 | 25 6 47.8 | 11.371 | II. |
| 522 | 8 | 20 18 11.51 | 3.539 | 23 2 33.8 | 11.373 | III. |
| 523 | 9. 10 | 20 18 20.51 | 3.580 | 24 50 27.7 | 11.384 | (403.) |
| 524 | 8 | 20 18 27.89 | 3.525 | 22 28 4.8 | 11.393 | IV. |
| 525 | 10 | 20 19 9.78 | 3.596 | 25 34 49.9 | 11.443 | V. |
| 526 | 7. 8 | 20 19 17.80 | 3.515 | 22 30 44.2 | 11.453 | VI. Ll. |
| 527 | 7 | 20 19 34.26 | 3.550 | 24 39 3.8 | 11.472 | VII. Ll. |
| 528 | 6 | 20 19 50.53 | 3.569 | 24 28 25.0 | 11.492 | (401.) |
| 529 | 6. 7 | 20 20 43.01 | 3.532 | 22 53 5.7 | 11.551 | VIII. Ll. |
| 530 | 8. 9 | 20 20 47.50 | 3.603 | 26 — — | 11.559 | (401.) |
| 531 | 6 | 20 20 48.11 | 3.542 | 23 20 29.1 | 11.561 | (400.) Ll. |
| 532 | 9 | 20 20 52.45 | 3.503 | 21 37 16.6 | 11.565 | IX. |
| 533 | 9 | 20 21 15.68 | 3.559 | 24 7 45.6 | 11.594 | X. |
| 534 | 9 | 20 21 19.07 | 3.506 | 21 45 14.4 | 11.598 | XI. |
| 535 | 10 | 20 21 19.26 | 3.534 | 23 0 9.0 | 11.598 | (415.) Ll. |
| 536 | 8 | 20 21 58.22 | 3.493 | 21 12 24.7 | 11.644 | (408.) Ll. |
| 537 | 9 | 20 22 6.97 | 3.530 | 22 52 1.0 | 11.654 | XII. |
| 538 | 7 | 20 22 50.75 | 3.531 | 23 0 17.6 | 11.706 | XIII. |
| 539 | 9 | 20 23 21.44 | 3.566 | 24 34 13.5 | 11.741 | XIV. |
| 540 | 6. 7 | 20 23 28.81 | 3.585 | 25 22 23.0 | 11.744 | (402.) Ll. |
| 541 | 7 | 20 23 26.23 | 3.523 | 22 39 25.4 | 11.747 | XV. Ll. |

I. (399) −0.07 −2.9; (400) −0.14 −3.3; (415) +0.21 +6.2. II. (401) −0.04 +1.5; (402) +0.04 −1.5. III. (399) +0.02 −3.1; (415) −0.02 +3.0. IV. (399) +0.09 +0.2; (400) −0.08 −0.2. V. (402) −0.02 +0.4; (403) +0.03 −0.5. VI. (399) −0.04 −2.5; (400) 0.00 −3.1; (415) +0.05 +5.6. VII. (401) +0.16 +1.9; (403) −0.16 −2.0. VIII. (399) −0.12 −1.6; (400) +0.21 −3.0; (415) −0.09 +4.6. IX. (398) +0.01 −4.4; (408) −0.01 +4.3. X. (401) −0.11 −0.1; (403) +0.11 0.0. XI. (398) −0.33 −7.5; (408) +0.33 +7.4. XII. (399) +0.07 −3.9; (400) −0.12 −3.4; (415) +0.05 +7.2. XIII. (399) +0.10 −1.3; (400) −0.10 +1.2. XIV. (401) +0.09 +0.9; (403) −0.09 −1.0. XV. (400) −0.10 −2.3; (415) +0.10 +2.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 542 | 9 | 20 23 28.37 | + 3.523 | − 22 39 50.2 | + 11.750 | (415.) |
| 543 | 9 | 20 23 34.97 | 3.562 | 24 28 12.1 | 11.758 | I. |
| 544 | 8. 9 | 20 23 48 91 | 3.512 | 22 11 39.7 | 11.775 | (399.) |
| 545 | 6 | 20 23 56 20 | 3 585 | 25 26 46.7 | 11.783 | (402.) Ll. |
| 546 | 7 | 20 24 44.80 | 3.523 | 22 44 5.8 | 11.841 | II. Ll. |
| 547 | 8 | 20 24 55.11 | 3.575 | 25 9 58.5 | 11.853 | III. Ll. |
| 548 | 10 | 20 25 12.86 | 3.485 | 21 2 43.3 | 11.875 | (408.) |
| 549 | 7 | 20 25 17.32 | 3.545 | 23 45 28.9 | 11.879 | IV. |
| 550 | 10 | 20 25 36.75 | 3.521 | 22 41 52.1 | 11.902 | (415.) |
| 551 | 8 | 20 26 12.57 | 3.532 | 23 16 7.3 | 11.945 | (399.) |
| 552 | 9 | 20 26 30.78 | 3.511 | 22 19 50.8 | 11.963 | (400.) |
| 553 | 8. 9 | 20 26 43.13 | 3.557 | 24 24 31.6 | 11.980 | (402.) |
| 554 | 8 | 20 26 55.39 | 3.566 | 24 53 14.9 | 11.993 | V. Ll. |
| 555 | 9. 10 | 20 27 20.50 | 3.507 | 22 9 30.4 | 12.022 | (400.) |
| 556 | 8 | 20 27 35.97 | 3.529 | 23 13 28.7 | 12.041 | VI. |
| 557 | 10 | 20 27 41.18 | 3.562 | 24 42 38.3 | 12.047 | VII. |
| 558 | 9 | 20 27 53.72 | 3.595 | 26 9 7.8 | 12.062 | (404.) |
| 559 | 10 | 20 28 18.53 | 3.482 | 21 4 48.0 | 12.092 | (408.) Ll. |
| 560 | 8. 9 | 20 28 47.44 | 3 565 | 24 53 25.8 | 12.124 | VIII. Ll. |
| 561 | 10 | 20 28 52.85 | 3.497 | 21 51 10.5 | 12.131 | (408.) |
| 562 | 6. 7 | 20 28 56.84 | 3.521 | 22 57 42.1 | 12.135 | IX. |
| 563 | 7. 8 | 20 29 11.91 | 3.561 | 24 44 50.7 | 12.153 | X. Ll. |
| 564 | 9. 10 | 20 29 37.62 | 3.497 | 21 56 32.8 | 12.185 | (415.) Ll. |
| 565 | 9 | 20 29 40.62 | 3.592 | 26 11 12.0 | 12.187 | (404.) |
| 566 | 8. 9 | 20 29 42.81 | 3.488 | 21 30 44.4 | 12.190 | (408.) Ll. |

I. (401) +0.14 +1.4; (403) −0.14 −1.4. II. (400) +0.14 −1.3; (415) −0.13 +1.3. III. (401) +0.05 +0.7; (402) +0.19 +0.6; (403) −0.23 −1.2. IV. (399) 0.00 −1.3; (400) +0.01 +1.3. V. (401) −0.05 +0.9; (402) −0.06 −0.1; (403) +0.11 0.00. VI. (399) −0.02 −3.2; (415) +0.02 +3.1. VII. (402) +0.07 −5.1; (403) −0.06 +5.1. VIII. (401) −0.08 +2.0; (402) −0.01 −1.0; (403) +0.10 −0.9. IX. (399) +0.12 −2.6; (400) 0.06 −3.1; (415) −0.07 +5.6 X. (401) +0.15 +0.2; (402) −0.03 +0.3; (403) −0.11 −0.6.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 567 | 9 | 20 30 1.94 | + 3.517 | - 22 50 27.8 | + 12.201 | I. |
| 568 | 10 | 20 30 8.82 | 3.556 | 24 35 58.7 | 12.220 | (403.) |
| 569 | 9 | 20 30 23.27 | 3.525 | 23 15 55.7 | 12.236 | (399.) |
| 570 | 7. 8 | 20 31 8.66 | 3.527 | 23 21 0.4 | 12.289 | II. |
| 571 | 6. 7 | 20 31 15.69 | 3.548 | 24 19 8.5 | 12.296 | III. Ll. |
| 572 | 9 | 20 31 28.85 | 3.534 | 24 37 54.0 | 12.312 | (403.) Ll. |
| 573 | 7. 8 | 20 31 47.44 | 3.499 | 22 9 2.8 | 12.332 | (400.) |
| 574 | 6. 7 | 20 31 55.28 | 3.574 | 25 34 33.7 | 12.341 | (402.) |
| 575 | 9 | 20 32 7.06 | 3.584 | 26 — — | 12.355 | (401.) |
| 576 | 10 | 20 32 13.07 | 3.562 | 25 1 57.6 | 12.362 | (403.) |
| 577 | 10 | 20 32 24.80 | 3.525 | 23 22 59.4 | 12.376 | (399.) |
| 578 | 7 | 20 32 26.65 | 3.597 | 26 31 41.9 | 12.378 | (404.) |
| 579 | 9. 10 | 20 32 34.94 | 3.486 | 21 35 43.2 | 12.387 | (398.) |
| 580 | 10 | 20 32 49.79 | 3.513 | 22 49 48.7 | 12.404 | (400.) |
| 581 | 10 | 20 32 51.02 | 3.481 | 21 20 23.9 | 12.405 | (408.) |
| 582 | 9 | 20 33 4.16 | 3.531 | 23 39 55.8 | 12.421 | (415.) |
| 583 | 7. 8 | 20 33 23.92 | 3.527 | 23 31 58.4 | 12.444 | (399.) |
| 584 | 10 | 20 33 23.96 | 3.490 | 21 48 11.6 | 12.444 | (408.) |
| 585 | 10 | 20 34 30.64 | 3.478 | 21 20 33.6 | 12.520 | (408.) |
| 586 | 8 | 20 34 37.00 | 3.509 | 22 50 22.5 | 12.527 | (400.) |
| 587 | 8 | 20 34 40.93 | 3.562 | 25 13 33.1 | 12.531 | IV. |
| 588 | 6 | 20 34 41.14 | 3.513 | 22 59 15.8 | 12.531 | V. |
| 589 | 9 | 20 34 43.30 | 3.597 | 26 47 9.4 | 12.534 | (404.) |
| 590 | 8 | 20 34 50.64 | 3.535 | 24 0 19.4 | 12.543 | VI. Ll. |
| 591 | 8 | 20 34 55.16 | 3.587 | 26 21 44.4 | 12.548 | (404.) |
| 592 | 9 | 20 35 50.57 | 3.493 | 22 8 33.2 | 12.611 | (400.) |
| 593 | 8 | 20 35 51.76 | 3.520 | 23 23 34.5 | 12.612 | (399.) |

I. (399) +0.14 -4.9; (400) +0.08 -1.4; (415) -0.21 +6.4. II. (399) +0.08 -2.9; (400) -0.02 -1.4; (415) -0.05 +4.4. III. (401) +0.05 +3 2; (402) -0.01 -1.7; (403) -0.05 -1.6. IV. (401) +0.07 +0.9; (402) -0.06 -1.0. V. (399) +0.08 -2.3; (400) -0.05 -2.7; (415) -0.02 +5.0. VI. (401) -0.06 -0.6; (403) +0.06 +0.6.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 594 | 10 | 20 35 59.45 | + 3.595 | - 26 46 59.2 | + 12.620 | (404.) |
| 595 | 9 | 20 36 8.98 | 3.478 | 21 25 48.0 | 12.632 | (408.) |
| 596 | 8. 9 | 20 36 13.36 | 3.539 | 24 17 46.7 | 12.636 | I. |
| 597 | 9 | 20 36 29.18 | 3.541 | 24 24 51.7 | 12.655 | II. |
| 598 | 7. 8 | 20 36 33.71 | 3.495 | 21 41 34.3 | 12.660 | (398.) |
| 599 | 10 | 20 37 3.20 | 3.476 | 21 23 40.6 | 12.693 | (408.) |
| 600 | 10 | 20 37 3.51 | 3.520 | 23 28 28.4 | 12.694 | (399.) |
| 601 | 10 | 20 37 23.40 | 3.591 | 26 43 4.3 | 12.716 | (404.) |
| 602 | 9 | 20 37 23.82 | 3.538 | 24 20 22.9 | 12.717 | III. |
| 603 | 8 | 20 37 28.02 | 3.536 | 24 16 0.9 | 12.722 | IV. |
| 604 | 4 | 20 37 27.91 | 3.489 | 22 3 22.3 | 12.722 | (400.) |
| 605 | 6. 7 | 20 37 46.16 | 3.502 | 22 42 15.9 | 12.741 | V. |
| 606 | 7. 8 | 20 38 22.77 | 3.595 | 26 57 37.1 | 12.782 | (404.) |
| 607 | 9 | 20 38 30.94 | 3.497 | 22 29 24.6 | 12.791 | VI. |
| 608 | 8 | 20 39 1.66 | 3.528 | 24 1 14.0 | 12.826 | (401.) |
| 609 | 9 | 20 39 22.01 | 3.528 | 23 59 53.4 | 12.848 | (401.) |
| 610 | 10 | 20 39 31.03 | 3.531 | 24 10 34.8 | 12.858 | (402.) |
| 611 | 8 | 20 39 45.07 | 3.497 | 22 37 33.7 | 12.874 | (399.) |
| 612 | 8 | 20 39 55.16 | 3.471 | 21 20 0.3 | 12.886 | (398.) |
| 613 | 10 | 20 40 15.71 | 3.467 | 21 10 28.1 | 12.908 | (398.) |
| 614 | 10 | 20 40 25.27 | 3.486 | 22 10 53.0 | 12.918 | (415.) |
| 615 | 10 | 20 40 26.37 | 3.539 | 24 36 29.7 | 12.919 | (401.) |
| 616 | 8 | 20 40 34.01 | 3.465 | 21 10 34.0 | 12.928 | (398.) |
| 617 | 9 | 20 40 57.85 | 3.554 | 25 22 27.6 | 12.955 | (402.) |
| 618 | 8 | 20 41 8.28 | 3.492 | 22 26 47.0 | 12.966 | VII. |
| 619 | 10 | 20 41 8.66 | 3.466 | 21 9 20.7 | 12.967 | (408.) |

I. (401) -0.17 +1.2; (402) +0.17 +0.3; (403) -0.01 -1.6. II. (401) -0.02 -1.7; (402) +0.30 +2.3; (403) -0.27 -0.6. III. (401) +0.08 +1.1; (402) -0.07 -1.1. IV. (401) -0.41 -2.1; (402) +0.54 +1.0; (403) -0.13 +1.1. V. (399) 0.00 -4.7; (415) +0.01 +4.7. VI. (399) +0.07 -2.3; (400) -0.05 -4.8; (415) -0.01 +7.1. VII. (399) +0.07 -3.2; (415) -0.07 +3.2.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 620 | 6. 7 | 20 41 39.14 | + 3.513 | - 23 31 56.0 | + 13.000 | I. |
| 621 | 5. 6 | 20 42 13.68 | 3.479 | 21 51 54.0 | 13.040 | II. Ll. |
| 622 | 7 | 20 42 17.87 | 3.569 | 26 8 20.8 | 13.045 | (404.) |
| 623 | 8 | 20 42 45.96 | 3.490 | 22 28 44.0 | 13.075 | III. |
| 624 | 9 | 20 43 29.07 | 3.535 | 24 42 59.3 | 13.122 | (401.) |
| 625 | 8 | 20 43 42.07 | 3.474 | 21 47 20.7 | 13.137 | (415.) Ll. |
| 626 | 7. 8 | 20 44 0.74 | 3.536 | 24 46 26.8 | 13.158 | (401.) |
| 627 | 5 | 29 44 12.88 | 3.527 | 24 20 32.7 | 13.171 | (402.) Ll. |
| 628 | 8 | 20 44 41.27 | 3.487 | 22 30 17.1 | 13.202 | IV. |
| 629 | 7. 8 | 20 44 54.73 | 3.497 | 22 59 23.7 | 13.217 | (399.) |
| 630 | 7 | 20 45 0.49 | 3.580 | 26 52 46.2 | 13.223 | (404.) |
| 631 | 7 | 20 45 12.25 | 3.536 | 24 50 37.7 | 13.236 | V. |
| 632 | 8 | 20 45 31.24 | 3.564 | 26 8 20.4 | 13.257 | (404.) |
| 633 | 10 | 20 45 37.53 | 3.495 | 22 57 5.4 | 13.264 | (399.) |
| 634 | 9 | 20 45 44.74 | 3.476 | 22 1 38.1 | 13.272 | (400.) |
| 635 | 8 | 20 45 57.32 | 3.583 | 22 24 11.8 | 13.285 | (400.) |
| 636 | 9 | 20 46 4.84 | 3.465 | 21 30 49.1 | 13.294 | (408.) Ll. |
| 637 | 10 | 20 46 5.99 | 3.493 | 22 52 51.9 | 13.295 | (399.) |
| 638 | 9 | 20 46 27.27 | 3.573 | 26 40 47.8 | 13.318 | (404.) |
| 639 | 8 | 20 46 30.45 | 3.532 | 24 48 9.8 | 13.321 | VI. |
| 640 | 8. 9 | 20 46 37.14 | 3.488 | 22 41 23.8 | 13.328 | VII. |
| 641 | 10 | 20 47 17.56 | 3.551 | 25 45 50.5 | 13.373 | (402.) |
| 642 | 9 | 20 47 27.96 | 3.486 | 22 39 54.7 | 13.383 | (400.) |
| 643 | 6. 7 | 20 47 51.91 | 3.575 | 26 51 54.0 | 13.410 | (404.) |
| 644 | 7 | 20 48 11.77 | 3.483 | 22 34 37.3 | 13.432 | VIII. |
| 645 | 9 | 20 48 15.45 | 3.528 | 24 46 4.2 | 13.435 | (401.) |

I. (401) 0.00 -0.1; (402) 0.00 0.0. II. (399) 0.00 -0.7; (400) 0.00 +0.7. III. (399) -0.07 +0.8; (400) +0.08 -0.8. IV. (399) -0.14 +2.8; (400) +0.15 -2.8. V. (401) +0.02 +1.4; (402) -0.01 -1.5. VI. (401) +0.03 +0.9; (402) -0.02 -1.0. VII. (400) +0.04 -6.1; (415) -0.03 +6.0. VIII. (399) +0.03 -2.9; (400) -0.07 -2.6; (415) +0.05 +5.5.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 646 | 10 | 20 48 52.73 | + 3.570 | - 26 48 47.0 | 13.476 | (404.) |
| 647 | 8. 9 | 20 49 7.13 | 3.473 | 22 7 40.1 | 13.491 | I. Ll. |
| 648 | 8. 9 | 20 49 52.73 | 3.564 | 26 35 0.2 | 13.541 | (404.) |
| 649 | 8. 9 | 20 50 12.84 | 3.550 | 25 56 55.6 | 13.563 | (404.) |
| 650 | 9 | 20 50 48.00 | 3.448 | 21 1 17.5 | 13.600 | (408.) Ll. |
| 651 | 9. 10 | 20 51 17.97 | 3.492 | 23 16 53.5 | 13.632 | (415.) |
| 652 | 8 | 20 51 18.22 | 3.470 | 22 11 15.8 | 13.632 | II. Ll. |
| 653 | 10 | 20 51 22.94 | 3.493 | 23 19 43.9 | 13.637 | (415.) |
| 654 | 10 | 20 51 37.15 | 3.501 | 23 49 28.0 | 13.652 | (402.) |
| 655 | 8. 9 | 20 52 33.12 | 3.493 | 23 27 32.7 | 13.712 | (415.) Ll. |
| 656 | 9 | 20 52 36.91 | 3.465 | 22 1 48.9 | 13.716 | III. |
| 657 | 8 | 20 52 57.76 | 3.511 | 24 22 58.0 | 13.738 | (402.) |
| 658 | 8 | 20 53 39.80 | 3.461 | 21 55 4.9 | 13.784 | IV. |
| 659 | 10 | 20 53 42.27 | 3.527 | 25 12 36.6 | 13.786 | (402.) |
| 660 | 8 | 20 54 22.44 | 3.472 | 22 33 16.8 | 13.828 | V. Ll. |
| 661 | 7 | 20 54 46.08 | 3.464 | 22 8 34.9 | 13.853 | VI. |
| 662 | 7 | 20 55 2.14 | 3.519 | 24 54 44.7 | 13.870 | (402.) Ll. |
| 663 | 10 | 20 56 11.80 | 3.503 | 24 12 42.1 | 13.943 | (402.) |
| 664 | 9 | 20 56 12.01 | 3.480 | 23 5 45.1 | 13.943 | (399.) |
| 665 | 10 | 20 56 23.13 | 3.465 | 22 20 57.2 | 13.955 | (400.) |
| 666 | 9 | 20 56 36.09 | 3.454 | 21 46 54.7 | 13.968 | (415.) Ll. |
| 667 | 9 | 20 57 7.94 | 3.448 | 21 32 55.9 | 14.002 | (400.) Ll. |
| 668 | 8. 9 | 20 57 59.86 | 3.467 | 22 36 18.9 | 14.057 | (400.) |
| 669 | 7. 8 | 20 58 6.16 | 3.520 | 25 14 59.4 | 14.063 | (402.) |
| 670 | 7 | 20 58 9.30 | 3.491 | 23 48 47.9 | 14.066 | VII. Ll. |
| 671 | 7 | 20 58 20.82 | 3.490 | 23 44 50.8 | 14.079 | VIII. Ll. |
| 672 | 10 | 20 58 31.28 | 3.446 | 21 29 24.2 | 14.089 | (408.) |

I. (399) -0.08 +0.4; (400) +0.06 -5.3; (415) +0.03 +4.8. II. (399) +0.06 -1.1; (400) -0.05 +1.1. III. (399) -0.02 +0.4; (400) +0.02 -0.4. IV. (399) -0.02 +0.4; (400) +0.02 -0.4. V. (400) -0.10 -5.2; (415) +0.10 +5.1. VI. (399) +0.06 +0.8; (400) -0.06 -0.8. VII. (399) -0.23 -4.2; (402) +0.68 -3.3; (415) -0.44 +7.4. VIII. (399) -0.03 -4.9; (415) +0.03 +4.8.

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|---|---|---|---|---|---|---|
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| 673 | 7 | 20 59 16.83 | + 3.472 | - 22 56 1.6 | + 14.136 | I. |
| 674 | 10 | 20 59 36.28 | 3.445 | 21 36 40.7 | 14.156 | (408.) |
| 675 | 6 | 20 59 57.37 | 3.449 | 21 47 23.9 | 14.178 | (408.) Ll. R. |
| 676 | 9 | 20 59 59.08 | 3.458 | 22 16 57.0 | 14.180 | (415.) |
| 677 | 6. 7 | 21 0 29.83 | 3.496 | 24 13 52.8 | 14.212 | (402.) Ll. |
| 678 | 9. 10 | 21 0 58.96 | 3.443 | 21 38 57.9 | 14.242 | (408.) |
| 679 | 8. 9 | 21 1 7.14 | 3.545 | 26 45 55.1 | 14.250 | (404.) |
| 680 | 7 | 21 1 7.19 | 3.509 | 25 0 28.9 | 14.250 | (402.) |
| 681 | 7. 8 | 21 1 20.09 | 3.472 | 23 7 50.7 | 14.263 | II. Ll. |
| 682 | 7 | 21 1 51.52 | 3.470 | 23 5 2.8 | 14.296 | III. Ll. |
| 683 | 7. 8 | 21 2 16.76 | 3.516 | 25 25 56.6 | 14.321 | (402.) |
| 684 | 8. 9 | 21 2 53.88 | 3.481 | 23 43 17.4 | 14.359 | IV. R. |
| 685 | 10 | 21 2 55.21 | 3.499 | 24 39 59.5 | 14.360 | (402.) |
| 686 | 7. 8 | 21 3 19.35 | 3.499 | 24 43 58.0 | 14.374 | (402.) Ll. |
| 687 | 9 | 21 4 2.39 | 3.438 | 21 37 23.3 | 14.428 | (408.) Ll. |
| 688 | 7 | 21 4 46.18 | 3.470 | 23 22 27.5 | 14.472 | V. Ll. |
| 689 | 9. 10 | 21 4 52.84 | 3.517 | 25 47 35.2 | 14.480 | (404.) |
| 690 | 7 | 21 5 24.07 | 3.459 | 22 49 32.2 | 14.511 | (415.) Ll. |
| 691 | 9 | 21 5 32.69 | 3.517 | 25 54 34.6 | 14.520 | (404.) |
| 692 | 7 | 21 5 52.68 | 3.471 | 23 29 42.7 | 14.540 | VI. |
| 693 | 8 | 21 6 34.18 | 3.462 | 23 8 40.1 | 14.581 | (399.) |
| 694 | 6 | 21 7 5.24 | 3.427 | 21 16 14.8 | 14.612 | (408.) Ll. R. |
| 695 | 8 | 21 7 5.93 | 3.469 | 23 29 25.5 | 14.613 | (400.) |
| 696 | 9 | 21 7 22.89 | 3.474 | 23 47 37.9 | 14.630 | (402.) |
| 697 | 8. 9 | 21 7 35.67 | 3.454 | 22 48 8.4 | 14.643 | (399.) |
| 698 | 7 | 21 8 3.66 | 3.465 | 23 25 57.9 | 14.671 | (400.) |
| 699 | 9. 10 | 21 8 16.30 | 3.486 | 24 31 53.7 | 14.683 | (402.) |
| 700 | 8. 9 | 21 8 50.04 | 3.450 | 22 41 57.2 | 14.717 | VII. |

I. (400) +0.02 -4.7; (415) -0.02. +4.6. II. (400) -0.16 -2.7; (415) +0.17 +2.7. III. (400) +0.11 -3.2; (415) -0.10 +3.2. IV. (399) 0.00 +0.1; (400) -0.14 -0.2; (415) +0.14 [+15.3]. V. (400) +0.03 -6.4; (415) -0.02 +6.4. VI. (399) +0.03 +0.9; (400) -0.03 -0.9. VII. (399) +0.02 -7.2; (400) +0.06 -1.1; (415) -0.07 +8.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 701 | 9 | 21 8 52.30 | + 3.487 | - 24 39 16.7 | + 14.719 | (402.) |
| 702 | 9 | 21 9 0.75 | 3.441 | 22 13 24.6 | 14.728 | I. |
| 703 | 10 | 21 9 6.22 | 3.435 | 21 52 46.2 | 14.733 | (408.) |
| 704 | 9. 10 | 21 9 25.20 | 3.449 | 22 40 18.0 | 14.751 | (400.) |
| 705 | 9 | 21 9 50.09 | 3.504 | 25 39 9.8 | 14.776 | (402.) |
| 706 | 7 | 21 10 17.02 | 3.447 | 22 39 51.9 | 14.793 | (400.) R. |
| 707 | 8 | 21 10 32.25 | 3.433 | 21 54 21.6 | 14.817 | II. |
| 708 | 9 | 21 10 33.15 | 3.433 | 21 55 1.6 | 14.818 | III. |
| 709 | 7. 8 | 21 10 51.62 | 3.478 | 24 23 56.1 | 14.837 | (402.) Ll. |
| 710 | 8 | 21 11 0.68 | 4.444 | 22 33 41.1 | 14.846 | (400.) |
| 711 | 7 | 21 12 6.03 | 3.450 | 23 1 8.2 | 14.910 | IV. Ll. |
| 712 | 10 | 21 12 40.12 | 3.467 | 24 1 41.5 | 14.943 | (402.) |
| 713 | 10 | 21 13 36.29 | 3.466 | 24 3 38.7 | 14.997 | (402.) |
| 714 | 9 | 21 13 40.32 | 3.453 | 23 20 11.4 | 15.001 | V. |
| 715 | 8. 9 | 21 14 17.54 | 3.467 | 24 6 31.1 | 15.037 | (402.) |
| 716 | 4. 5 | 21 14 24.13 | 3.452 | 23 18 21.7 | 15.043 | VI. Ll. |
| 717 | 8 | 21 15 31.25 | 3.504 | 26 12 3.9 | 15.107 | (404.) |
| 718 | 6. 7 | 21 15 32.31 | 3.451 | 23 23 10.8 | 15.108 | VII. Ll. |
| 719 | 7 | 21 15 45.29 | 3.460 | 23 55 57.3 | 15.121 | (402.) Ll. |
| 720 | 9 | 21 16 26.90 | 3.514 | 26 44 54.8 | 15.160 | (404.) |
| 721 | 9. 10 | 21 16 31.36 | 3.407 | 21 5 47.6 | 15.164 | (408.) |
| 722 | 7. 8 | 21 16 42.40 | 3.463 | 24 13 8.9 | 15.175 | (402.) Ll. |
| 723 | 7. 8 | 21 17 5.69 | 3.494 | 25 52 58.9 | 15.198 | (404.) |
| 724 | 8 | 21 17 9.07 | 3.428 | 22 18 22.2 | 15.201 | VIII. |
| 725 | 8. 9 | 21 17 28.63 | 3.477 | 25 1 21.2 | 15.220 | (402.) Ll. |
| 726 | 8. 9 | 21 17 40.66 | 3.427 | 22 17 5.2 | 15.231 | (400.) |

I. (399) +0.22 -4.3; (415) -0.22 +4.3. II. (399) +0.07 -6.8; (415) -0.07 +6.8. III. (399) +0.28 -3.8; (415) -0.27 +3.8. IV. (399) +0.06 -2.3; (400) -0.14 -3.2; (415) +0.09 +5.4. V. (399) +0.08 -4.2; (400) -0.03 -0.2; (415) -0.06 +4.5. VI. (399) +0.17 -1.6; (400) -0.07 -4.6; (415) -0.11 +6.1. VII. (400) -0.12 -3.9; (415) +0.13 +3.8. VIII. (400) +0.02 -4.3; (415) -0.01 +4.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 727 | 8. 9 | 21 17 41.49 | + 3.430 | - 22 28 24.0 | + 15.231 | (415.) |
| 728 | 7. 8 | 21 17 51.31 | 3.415 | 21 38 30.4 | 15.240 | (416.) Ll. |
| 729 | 2 | 21 18 5.82 | 3.440 | 23 3 33.0 | 15.255 | (399.) Ll R. |
| 730 | 7 | 21 18 44.37 | 3.417 | 21 50 25.4 | 15.291 | (416.) Ll. |
| 731 | 7 | 21 18 47.81 | 3.462 | 24 15 53.1 | 15.295 | (402.) Ll. |
| 732 | 8 | 21 19 39.73 | 3.424 | 22 21 52.5 | 15.344 | I. Ll. R. |
| 733 | 8. 9 | 21 19 51.60 | 3.458 | 24 16 13.0 | 15.355 | (402.) |
| 734 | 8 | 21 19 58.68 | 3.495 | 26 17 42.5 | 15.362 | (404.) |
| 735 | 4 | 21 20 9.86 | 3.426 | 22 27 29.7 | 15.372 | II. Ll. R. |
| 736 | 7. 8 | 21 21 45.80 | 3.483 | 25 50 50.7 | 15.461 | III. Ll. |
| 737 | 7. 8 | 21 22 58.96 | 3.484 | 25 57 33.2 | 15.492 | (404.) |
| 738 | 7 | 21 23 0.34 | 3.423 | 22 40 1.9 | 15.530 | IV. Ll. |
| 739 | 7. 8 | 21 23 10.40 | 3.484 | 26 4 14.6 | 15.539 | (404.) |
| 740 | 10 | 21 23 40.33 | 3.440 | 23 42 57.6 | 15.566 | (415.) |
| 741 | 7 | 21 23 54.26 | 3.467 | 25 14 58.6 | 15.579 | (402.) Ll. |
| 742 | 7 | 21 23 55.71 | 3.409 | 21 56 19.0 | 15.581 | (399.) |
| 743 | 9. 10 | 21 23 57.99 | 3.404 | 21 36 34.4 | 15.582 | (416.) Ll. |
| 744 | 8 | 21 24 0.26 | 3.459 | 24 48 34.4 | 15.585 | (402.) |
| 745 | 10 | 21 24 6.57 | 3.482 | 26 4 31.6 | 15.591 | (404.) |
| 746 | 8 | 21 24 7.79 | 3.418 | 22 26 14.6 | 15.591 | V. Ll. |
| 747 | 9. 10 | 21 24 7.81 | 3.394 | 21 2 33.3 | 15.591 | (408.) |
| 748 | 9. 10 | 21 24 44.33 | 3.397 | 21 20 7.6 | 15.624 | (416.) Ll. |
| 749 | 9. 10 | 21 25 4.42 | 3.477 | 25 54 1.4 | 15.643 | (404.) |
| 750 | 9. 10 | 21 25 6.23 | 3.414 | 22 19 23.9 | 15.645 | VI. |
| 751 | 10 | 21 25 28.86 | 3.408 | 21 58 58.2 | 15.665 | (415.) |
| 752 | 9 | 21 25 50.97 | 3.469 | 25 36 54.7 | 15.687 | (402.) |
| 753 | 10 | 21 26 17.80 | 3.407 | 22 1 11.4 | 15.710 | (400.) |

**I.** (399) +0.05 -4.2; (400) -0.02 -3.2; (415) -0.02 +7.5. **II.** (399) +0.01 -3.6; (400) -0.07 -5.6; (415) +0.07 +9.1. **III.** (402) -0.15 +1.4; (404) +0.16 -1.5. **IV.** (399) +0.03 -4.6; (400) -0.06 -4.6; (415) +0.03 +9.1. **V.** (399) +0.06 0.0; (400) -0.05 -0.1. **VI.** (400) +0.13 -7.9; (415) -0.13 +7.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 754 | 9. 10 | 21 26 25.10 | + 3.391 | - 21 6 26.0 | + 15.717 | (416.) Ll. |
| 755 | 9 | 21 26 37.96 | 3.474 | 25 59 8.3 | 15.729 | (404.) |
| 756 | 6 | 21 26 40.72 | 3.441 | 24 7 11.7 | 15.732 | (402.) Ll. |
| 757 | 8. 9 | 21 26 42.42 | 3.417 | 22 43 34.5 | 15.733 | (399.) |
| 758 | 7. 8 | 21 26 48.90 | 3.435 | 23 47 1.0 | 15.738 | I. |
| 759 | 10 | 21 27 41.21 | 3.388 | 21 5 42.2 | 15.786 | (408.) |
| 760 | 10 | 21 27 51.40 | 3.481 | 26 30 4.3 | 15.795 | (404.) |
| 761 | 10 | 21 28 5.52 | 3.419 | 22 57 52.4 | 15.808 | (415.) |
| 762 | 8 | 21 28 12.09 | 3.411 | 22 29 53.7 | 15.814 | (399.) |
| 763 | 6. 7 | 21 28 14.49 | 3.422 | 23 10 14.3 | 15.815 | (400.) Ll. |
| 764 | 7. 8 | 21 28 58.20 | 3.454 | 25 7 20.8 | 15.854 | (402.) |
| 765 | 8 | 21 29 7.55 | 3.443 | 24 21 59.8 | 15.863 | (402.) |
| 766 | 8. 9 | 21 29 25.32 | 3.430 | 23 44 12.9 | 15.879 | II. |
| 767 | 8 | 21 29 32.18 | 3.469 | 26 7 2.6 | 15.886 | (404.) |
| 768 | 7 | 21 30 21.96 | 3.452 | 25 7 20.6 | 15.930 | (402.) Ll. |
| 769 | 7 | 21 30 39.40 | 3.405 | 22 23 14.2 | 15.944 | III. |
| 770 | 8 | 21 31 17.42 | 3.463 | 25 53 51.8 | 15.979 | (404.) Ll. |
| 771* | 9 | 21 31 24.59 | 3.428 | 23 52 28.3 | 15.985 | IV. |
| 772 | 8 | 21 32 7.43 | 3.438 | 24 35 5.5 | 16.023 | (402.) |
| 773 | 8. 9 | 21 32 22.65 | 3.472 | 26 31 34.1 | 16.035 | (404.) |
| 774 | 8 | 21 33 0.81 | 3.403 | 22 36 17.2 | 16.071 | (415.) |
| 775 | 10 | 21 33 10.58 | 3.381 | 21 14 4.5 | 16.079 | (408.) |
| 776 | 7. 8 | 21 33 24.15 | 3.449 | 25 20 7.3 | 16.089 | (402.) |
| 777 | 8 | 21 33 25.85 | 3.470 | 26 32 29.2 | 16.091 | (404.) |
| 778 | 9 | 21 34 10.34 | 3.447 | 25 23 11.7 | 16.130 | (402.) |
| 779 | 9 | 21 34 11.14 | 3.470 | 26 40 46.8 | 16.131 | (404.) |
| 780 | 8 | 21 34 27.63 | 3.421 | 23 51 1.2 | 16.144 | (415.) Ll. |
| 781 | 9. 10 | 21 34 34.47 | 3.375 | 21 5 34.5 | 16.150 | (408.) |
| 782 | 10 | 21 34 42.82 | 3.468 | 26 41 48.0 | 16.158 | (404.) |

I. (400) +0.01 -6.5; (415) -0.01 +6.4. II. (399) 0.00 -4.0; (415) 0.00 +4.0.
III. (399) -0.02 -5.4; (415) +0.02 +5.4. IV. (402) -0.07 -7.7; (415) +0.07 +7.7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 783 | 10 | 21 35 28.31 | + 3.441 | - 25 12 11.9 | + 16.196 | (402.) |
| 784 | 6 | 21 35 57.22 | 3.447 | 25 35 38.4 | 16.222 | (402.) Ll. |
| 785 | 8. 9 | 21 36 11.42 | 3.471 | 26 59 10.2 | 16.234 | (404.) |
| 786 | 8 | 21 36 35.71 | 3.407 | 23 14 49.4 | 16.255 | (415.) Ll. |
| 787 | 7 | 21 37 39.13 | 3.452 | 25 30 21.5 | 16.308 | (402.) Ll. |
| 788 | 10 | 21 38 16.29 | 3.402 | 23 10 13.7 | 16.340 | (415.) |
| 789 | 10 | 21 38 21.85 | 3.455 | 26 19 23.2 | 16.346 | (404.) |
| 790 | 10 | 21 38 44.54 | 3.370 | 21 12 40.7 | 16.365 | (408.) |
| 791 | 10 | 21 38 58.12 | 3.421 | 24 21 49.7 | 16.375 | (402.) |
| 792 | 9 | 21 38 58.52 | 3.454 | 26 26 9.4 | 16.377 | (404.) |
| 793 | 10 | 21 39 24.75 | 3.383 | 22 2 19.3 | 16.399 | (415.) |
| 794 | 9. 10 | 21 40 13.44 | 3.457 | 26 46 28.3 | 16.438 | (404.) |
| 795 | 9 | 21 40 15.50 | 3.393 | 22 49 11.3 | 16.440 | I. |
| 796 | 9 | 21 40 24.09 | 3.417 | 24 20 1.3 | 16.448 | (402.) |
| 797 | 9 | 21 40 55.57 | 3.389 | 22 41 9.8 | 16.475 | II. |
| 798 | 10 | 21 41 16.02 | 3.366 | 21 12 11.4 | 16.491 | (408.) |
| 799 | 8 | 21 41 19.15 | 3.440 | 25 50 48.2 | 16.493 | (402.) |
| 800 | 9 | 21 41 28.96 | 3.365 | 21 10 24.9 | 16.502 | III. Ll. R. |
| 801 | 9 | 21 41 31.62 | 3.456 | 26 53 32.5 | 16.504 | (404.) |
| 802 | 9 | 21 42 27.64 | 3.364 | 21 14 15.2 | 16.550 | IV. Ll. |
| 803 | 9 | 21 42 57.00 | 3.381 | 22 26 57.5 | 16.575 | (399.) |
| 804 | 9 | 21 43 25.53 | 3.374 | 21 56 28.4 | 16.598 | V. |
| 805 | 10 | 21 43 36.16 | 3.423 | 25 5 45.1 | 16.606 | (402.) |
| 806 | 8. 9 | 21 43 49.44 | 3.436 | 26 4 21.7 | 16.617 | (404.) |
| 807 | 9 | 21 45 10.78 | 3.379 | 22 38 5.0 | 16.684 | (399.) |
| 808 | 8. 9 | 21 45 22.15 | 3.440 | 26 28 58.5 | 16.693 | (404.) |
| 809 | 9 | 21 46 49.41 | 3.387 | 23 19 9.9 | 16.762 | (399.) |
| 810 | 8 | 21 47 15.90 | 3.366 | 21 50 41.8 | 16.780 | (415.) |

I. (399) +0.05 -7.5; (415) -0.04 +7.4. II. (399) +0.01 -6.9; (415) 0.00 +6.9. III. (408) -0.10 -2.3; (416) +0.11 +2.3. IV. (408) -0.32 -2.4; (416) +0.33 +2.3. V. (399) -0.07 -4.4; (415) +0.08 +4.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 811 | 7. 8 | 21 47 56.74 | + 3.429 | - 26 12 37.0 | + 16.816 | (404.) |
| 812 | 10 | 21 48 5.49 | 3.377 | 22 48 31.5 | 16.823 | (415.) |
| 813 | 9 | 21 48 59.94 | 3.383 | 23 23 52.7 | 16.866 | I. |
| 814 | 9 | 21 50 11.77 | 3.425 | 26 17 5.7 | 16.922 | (404.) |
| 815 | 5 | 21 50 21.54 | 3.359 | 21 53 45.8 | 16.930 | II. Ll. |
| 816 | 8 | 21 50 54.37 | 3.406 | 25 11 34.3 | 16.955 | (402.) |
| 817 | 8 | 21 52 42.88 | 3.409 | 25 43 41.1 | 17.040 | (402.) Ll. |
| 818 | 9 | 21 52 43.32 | 3.375 | 23 23 1.8 | 17.040 | III. |
| 819 | 8 | 21 53 11.24 | 3.407 | 25 35 7.7 | 17.062 | (402.) Ll. |
| 820 | 9 | 21 53 17.75 | 3.416 | 26 10 48.3 | 17.066 | (404.) |
| 821 | 9. 10 | 21 53 27.67 | 3.373 | 23 14 45.7 | 17.074 | IV. |
| 822 | 9 | 21 55 6.48 | 3.356 | 22 25 30.3 | 17.150 | (399.) |
| 823 | 8 | 21 55 21.98 | 3.402 | 25 32 31.2 | 17.162 | (402.) Ll. |
| 824 | 8 | 21 55 22.43 | 3.402 | 25 36 14.4 | 17.162 | (402.) Ll. |
| 825 | 6 | 21 55 48.58 | 3.356 | 22 30 21.0 | 17.182 | (399.) Ll. |
| 826 | 8. 9 | 21 56 24.68 | 3.382 | 24 27 27.0 | 17.209 | (402.) Ll. |
| 827 | 9. 10 | 21 57 15.07 | 3.378 | 24 15 30.1 | 17.246 | (402.) |
| 828 | 8 | 21 57 56.74 | 3.370 | 23 49 48.8 | 17.278 | V. |
| 829 | 6 | 21 59 30.41 | 3.346 | 22 19 29.2 | 17.346 | (399.) Ll. R. |
| 830 | 7. 8 | 21 59 38.38 | 3.359 | 23 20 42.8 | 17.352 | (399.) |
| 831 | 7 | 21 59 50.81 | 3.374 | 24 27 56.8 | 17.362 | (402.) Ll. |
| 832 | 7. 8 | 22 0 17.13 | 3.403 | 26 30 6.4 | 17.379 | (404.) |
| 833 | 9 | 22 0 21.82 | 3.346 | 22 25 23.8 | 17.384 | (399.) |
| 834 | 5 | 22 1 4.71 | 3.371 | 24 23 36.9 | 17.415 | (402.) Ll. |
| 835 | 8. 9 | 22 1 29.58 | 3.361 | 23 45 59.9 | 17.433 | (399.) |
| 836 | 8 | 22 2 7.98 | 3.367 | 24 17 19.8 | 17.460 | (402.) |
| 837 | 9. 10 | 22 2 16.87 | 3.374 | 24 45 49.3 | 17.466 | (402.) |
| 838 | 8 | 22 2 50.21 | 3.350 | 23 12 9.4 | 17.491 | (399.) Ll. |

I. (399) -0.09 -5.6; (415) +0.09 +5.5. II. (399) -0.01 -3.0; (415) +0.02 +2.9.
III. (399) +0.06 -5.0; (415) -0.06 +5.0. IV. (399) +0.06 -5.0; (415) -0.06 +5.0.
V. (399) -0.17 -2.8; (402) +0.18 +2.8.

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-27°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 839 | 7 | 22 3 2.36 | + 3.347 | − 22 56 46.5 | + 17.499 | (399.) Ll. |
| 840 | 9 | 22 4 28.49 | 3.335 | 22 14 33.0 | 17.539 | (399.) |
| 841 | 8 | 22 4 30.99 | 3.327 | 21 37 29.9 | 17.562 | (416.) Ll. R. |
| 842 | 8 | 22 4 35.72 | 3.333 | 22 13 21.8 | 17.565 | (399.) |
| 843 | 9 | 22 4 50.74 | 3.332 | 22 8 15.4 | 17.576 | (415.) R. |
| 844 | 6 | 22 5 17.80 | 3.382 | 25 55 25.1 | 17.595 | (404.) |
| 845 | 8. 9 | 22 5 31.41 | 3.361 | 24 25 6.8 | 17.604 | (402.) |
| 846 | 7 | 22 5 48.44 | 3.330 | 22 9 9.7 | 17.615 | I. Ll. |
| 847 | 8 | 22 6 0.63 | 3.326 | 21 49 0.8 | 17.625 | (415.) Ll. R. |
| 848 | 9 | 22 7 23.41 | 3.326 | 22 1 10.3 | 17.681 | (451.) Ll. |
| 849 | 10 | 22 7 37.48 | 3.379 | 26 7 20.3 | 17.691 | (404.) |
| 850 | 5 | 22 8 11.40 | 3.384 | 26 38 38.5 | 17.715 | (404.) |
| 851 | 10 | 22 8 35.20 | 3.364 | 25 15 51.5 | 17.730 | (402.) |
| 852 | 7 | 22 8 38.77 | 3.347 | 23 52 54.9 | 17.732 | (415.) Ll. |
| 853 | 8. 9 | 22 9 9.19 | 3.353 | 24 27 35.9 | 17.753 | (402.) |
| 854 | 9 | 22 9 11.31 | 3.346 | 23 51 34.7 | 17.756 | (415.) Ll. |
| 855 | 9 | 22 9 43.46 | 3.310 | 21 14 19.1 | 17.777 | (416.) |
| 856 | 7 | 22 10 8.36 | 3.346 | 24 4 43.3 | 17.794 | (402.) Ll. |
| 857 | 9 | 22 10 17.46 | 3.320 | 21 14 29.0 | 17.800 | (416.) |
| 858 | 9. 10 | 22 10 39.79 | 3.337 | 23 32 34.3 | 17.816 | (415.) |
| 859 | 8 | 22 11 7.06 | 3.353 | 24 33 13.7 | 17.833 | (402.) Ll. |
| 860 | 8 | 22 11 43.42 | 3.325 | 22 45 59.3 | 17.858 | (415.) Ll. R. |
| 861 | 8 | 22 12 24.62 | 3.362 | 25 52 4.8 | 17.885 | (404.) |
| 862 | 10 | 22 12 33.12 | 3.331 | 23 27 48.4 | 17.890 | (415.) |
| 863 | 10 | 22 12 51.65 | 3.363 | 25 53 4.1 | 17.902 | (404.) |
| 864 | 6 | 22 13 19.89 | 3.318 | 22 20 48.1 | 17.921 | (415.) Ll. |
| 865 | 7. 8 | 22 13 32.52 | 3.364 | 26 7 16.0 | 17.929 | (404.) |
| 866 | 8 | 22 14 20.30 | 3.354 | 25 26 56.8 | 17.960 | (402.) |
| 867 | 7. 8 | 22 14 47.57 | 3.367 | 26 35 42.6 | 17.978 | (404.) |

I. (399) −0.09 −6.5; (415) +0.09 +6.4.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 868 | 5 | 22 15 8.86 | + 3.353 | - 25 31 15.4 | + 17.991 | (402.) Ll. |
| 869 | 9 | 22 15 17.59 | 3.298 | 21 4 0.5 | 17.997 | (416.) Ll. |
| 870 | 8 | 22 16 0.79 | 3.311 | 22 21 12.9 | 18.026 | (415.) Ll. |
| 871 | 7 | 22 16 15.94 | 3.333 | 24 7 36.7 | 18.035 | (402.) Ll. |
| 872 | 10 | 22 17 23.23 | 3.308 | 22 21 23.8 | 18.078 | (415.) |
| 873 | 10 | 22 17 51.28 | 3.318 | 23 22 40.7 | 18.096 | (415.) |
| 874 | 5. 6 | 22 17 52.48 | 3.332 | 24 26 40.2 | 18.096 | (402.) |
| 875 | 9 | 22 19 0.56 | 3.332 | 24 38 22.9 | 18.140 | (402.) |
| 876 | 10 | 22 19 10.27 | 3.315 | 23 17 33.7 | 18.145 | (415.) |
| 877 | 8 | 22 20 33.52 | 3.307 | 22 49 59.6 | 18.196 | (415.) Ll. |
| 878 | 8. 9 | 22 20 54.73 | 3.287 | 21 10 18.7 | 18.209 | (416.) Ll. |
| 879 | 10 | 22 23 20.32 | 3.308 | 23 26 22.4 | 18.296 | (415.) |
| 880 | 9 | 22 26 8.31 | 3.300 | 23 22 25.7 | 18.395 | (415.) Ll. |
| 881 | 9 | 22 27 44.18 | 3.279 | 21 42 23.2 | 18.450 | (416.) Ll. |
| 882 | 8. 9 | 22 28 37.01 | 3.278 | 21 51 52.7 | 18.481 | I. Ll. |
| 883 | 9 | 22 29 20.96 | 3.270 | 21 9 2.9 | 18.506 | (416.) Ll. |
| 884 | 8. 9 | 22 32 18.01 | 3.298 | 24 29 9.7 | 18.604 | (402.) |
| 885 | 7 | 22 32 51.18 | 3.294 | 24 18 6.9 | 18.622 | (402.) Ll. |
| 886 | 8 | 22 35 14.95 | 3.298 | 25 9 57.1 | 18.699 | (402.) |
| 887 | 8. 9 | 22 36 13.69 | 3.269 | 24 33 6.1 | 18.730 | (402.) Ll. |
| 888 | 8 | 22 36 51.51 | 3.279 | 23 46 18.9 | 18.750 | (402.) |
| 889 | 9 | 22 36 57.75 | 3.280 | 23 53 21.7 | 18.754 | (402.) |
| 890 | 9 | 22 39 27.73 | 3.275 | 23 57 49.3 | 18.830 | (402.) |
| 891 | 7. 8 | 22 40 49.31 | 3.288 | 25 42 46.7 | 18.869 | (402.) Ll. |
| 892 | 7 | 22 41 8.59 | 3.271 | 23 53 3.5 | 18.879 | (402.) Ll. |
| 893 | 6. 7 | 22 43 8.90 | 3.272 | 24 33 39.8 | 18.937 | (402.) Ll. |
| 894 | 9 | 22 43 48.49 | 3.272 | 24 49 19.1 | 18.955 | (402.) |
| 895 | 7 | 22 45 15.02 | 3.268 | 24 43 30.1 | 18.997 | (402.) |
| 896 | 7 | 22 46 9.11 | 3.275 | 25 46 48.0 | 19.022 | (402.) Ll. |
| 897 | 8 | 22 46 42.61 | 3.256 | 23 54 29.4 | 19.038 | (402.) |

I. (415) -0.17 -1.6; (416) +0.18 +1.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 898 | 7. 8 | 22 47 2.65 | + 3.264 | − 24 47 7.5 | + 19.047 | (402.) |
| 899 | 9. 10 | 22 48 8.49 | 3.260 | 24 39 0.3 | 19.076 | (402.) |
| 900 | 8 | 22 49 12.18 | 3.257 | 24 38 25.2 | 19.105 | (402.) |
| 901 | 7. 8 | 22 50 30.07 | 3.261 | 24 29 55.8 | 19.139 | (402.) |
| 902 | 8 | 22 50 41.20 | 3.249 | 24 15 5.4 | 19.143 | (402.) Ll. |
| 903 | 9 | 22 50 42.42 | 3.249 | 24 13 57.3 | 19.144 | (402.) |
| 904 | 8. 9 | 22 52 48.17 | 3.254 | 25 27 57.7 | 19.197 | (402.) |

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# V. Stern-Verzeichniss

## Declination von -27° 0′ bis -33° 0′.

-27° -33°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 1 | 5 | 0 1 41.80 | + 3.076 | - 28 49 23.3 | + 20.055 | (413.) Ll. |
| 2 | 5 | 0 3 56.90 | 3.083 | 28 38 9.2 | 20.052 | (413.) |
| 3 | 9 | 0 4 34.86 | 3.084 | 28 37 12.9 | 20.051 | (413.) |
| 4 | 9 | 0 5 32.74 | 3.088 | 28 38 52.5 | 20.049 | (413.) |
| 5 | 8 | 0 6 44.23 | 3.092 | 28 21 34.7 | 20.046 | (413.) |
| 6 | 9. 10 | 0 10 54.37 | 3.105 | 28 46 12.7 | 20.033 | (413.) |
| 7 | 9 | 0 10 57.39 | 3.106 | 28 47 8.9 | 20.032 | (413.) |
| 8 | 5 | 0 13 58.25 | 3.117 | 29 48 40.1 | + 20.017 | (413.) |
| 9 | 9 | 17 54 0.81 | 3.837 | 29 51 19.3 | - 0.523 | (405.) |
| 10 | 8 | 17 55 26.67 | 3.829 | 29 34 44.7 | 0.398 | (405.) Ll. |
| 11 | 9 | 17 56 7.56 | 3.820 | 29 16 40.9 | 0.338 | (405.) |
| 12 | 9. 10 | 17 56 29.54 | 3.826 | 29 26 4.3 | 0.306 | (405.) |
| 13 | 9 | 17 57 16.05 | 3.813 | 29 2 36.1 | 0.239 | (405.) |
| 14 | 9 | 17 57 22.78 | 3.814 | 29 4 51.7 | 0.229 | (405.) |
| 15 | 9 | 17 58 5.77 | 3.826 | 29 27 2.3 | 0.165 | (405.) |
| 16 | 9 | 17 58 18.71 | 3.834 | 29 44 20.7 | 0.147 | (405.) |
| 17 | 7 | 17 58 35.47 | 3.795 | 28 28 2.9 | 0.124 | (405.) Ll. R. |
| 18 | 9 | 17 59 21.31 | 3.804 | 28 46 4.5 | - 0.057 | (405.) |
| 19 | 9 | 18 0 45.29 | 3.818 | 29 13 55.5 | + 0.065 | (405.) |
| 20 | 9 | 18 1 4.08 | 3.786 | 28 10 21.8 | 0.093 | (405.) |
| 21 | 10 | 18 1 28.75 | 3.784 | 28 5 33.7 | 0.129 | (405.) |
| 22 | 8 | 18 2 17.18 | 3.783 | 28 3 20.0 | 0.199 | (405.) |
| 23 | 9 | 18 3 2.29 | 3.789 | 28 15 41.1 | 0.265 | (405.) |
| 24 | 9 | 18 3 9.48 | 3.789 | 28 15 48.2 | 0.275 | (405.) Ll. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 25 | 8 | 18 3 55.37 | + 3.758 | - 27 13 47.1 | + 0.344 | (404.) |
| 26 | 9 | 18 5 2.08 | 3.808 | 28 52 19.4 | 0.440 | (405.) |
| 27 | 8. 9 | 18 5 43.40 | 3.800 | 28 38 59.8 | 0.499 | (405.) Ll. |
| 28 | 9 | 18 6 47.89 | 3.810 | 28 58 22.6 | 0.595 | (405.) |
| 29 | 7. 8 | 18 6 58.36 | 3.765 | 27 27 15.2 | 0.610 | (404.) |
| 30 | 7 | 18 7 31.54 | 3.773 | 27 45 18.5 | 0.657 | (404.) |
| 31 | 8 | 18 8 8.39 | 3.781 | 28 — — | 0.711 | (404.) |
| 32 | 6 | 18 8 40.00 | 3.754 | 27 5 28.6 | 0.758 | (404.) |
| 33 | 9 | 18 10 7.63 | 3.831 | 29 40 21.1 | 0.887 | (405.) |
| 34 | 8 | 18 10 18.03 | 3.767 | 27 33 32.6 | 0.901 | (404.) |
| 35 | 9 | 18 10 52.93 | 3.814 | 29 7 22.3 | 0.951 | (405.) |
| 36 | 7. 8 | 18 10 56.24 | 3.764 | 27 27 47.5 | 0.956 | (404.) |
| 37 | 9. 10 | 18 13 45.59 | 3.794 | 28 28 35.9 | 1.203 | (405.) |
| 38 | 8 | 18 14 0.84 | 3.767 | 27 34 14.2 | 1.224 | (404.) |
| 39 | 9 | 18 14 39.63 | 3.815 | 29 9 28.4 | 1.282 | (405.) |
| 40 | 9 | 18 14 54.72 | 3.836 | 29 50 56.1 | 1.303 | (405.) |
| 41 | 9 | 18 16 20.21 | 3.765 | 27 31 5.3 | 1.429 | (404.) |
| 42 | 9 | 18 16 35.39 | 3.762 | 27 24 35.9 | 1.451 | (404.) |
| 43 | 8. 9 | 18 18 14.61 | 3.837 | 29 53 58.4 | 1.595 | (405.) |
| 44 | 10 | 18 19 35.84 | 3.891 | 31 38 49.2 | 1.713 | (406.) |
| 45 | 8. 9 | 18 19 38.83 | 3.819 | 29 20 39.5 | 1.717 | (405.) Ll. |
| 46 | 8. 9 | 18 22 41.80 | 3.817 | 29 17 21.4 | 1.984 | (405.) |
| 47 | 8 | 18 23 52.39 | 3.758 | 27 19 15.0 | 2.085 | (404.) |
| 48 | 9 | 18 24 44.56 | 3.790 | 28 27 10.7 | 2.161 | (405.) |
| 49 | 8 | 18 26 9.94 | 3.760 | 27 27 14.9 | 2.285 | (404.) |
| X 50 | 8 | 18 26 42.57 | 3.831 | 29 48 38.0 | 2.332 | (405.) |
| 51 | 8 | 18 27 34.51 | 3.794 | 28 37 25.1 | 2.408 | (405.) Ll. |
| 52 | 9 | 18 27 44.34 | 3.823 | 29 35 22.1 | 2.421 | (405.) |
| 53 | 10 | 18 28 53.25 | 3.867 | 30 59 14.4 | 2.521 | (406.) |
| 54 | 8 | 18 29 6.53 | 3.841 | 30 9 1.2 | 2.540 | (406.) |
| 55 | 9 | 18 29 14.48 | 3.829 | 29 46 26.0 | 2.552 | (405.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 56 | 10 | 18 29 45.59 | + 3.793 | - 28 38 13.9 | + 2.598 | (405.) |
| 57 | 10 | 18 30 56.55 | 3.835 | 30 0 41.9 | 2.700 | (406.) |
| 58 | 8. 9 | 18 31 9.94 | 3.765 | 27 40 21.8 | 2.719 | (404.) |
| 59 | 8. 9 | 18 31 47.83 | 3.785 | 28 23 9.7 | 2.774 | (405.) Ll. |
| 60 | 9 | 18 32 15.18 | 3.885 | 31 36 41.6 | 2.813 | (406.) |
| 61 | 8. 9 | 18 32 23.61 | 3.762 | 27 34 45.5 | 2.825 | (404.) |
| 62 | 8. 9 | 18 32 23.85 | 3.749 | 27 8 25.4 | 2.826 | (404.) |
| 63 | 10 | 18 33 33.39 | 3.889 | 31 46 25.9 | 2.925 | (406.) |
| 64 | 9 | 18 34 49.22 | 3.819 | 29 34 10.8 | 3.034 | (405.) |
| 65 | 9. 10 | 18 34 54.76 | 3.759 | 27 31 49.4 | 3.043 | (404.) |
| 66 | 9 | 18 34 56.51 | 3.881 | 31 32 35.8 | 3.046 | (406.) |
| 67 | 5 | 18 36 17.26 | 3.747 | 27 8 19.8 | 3.162 | (404.) |
| 68 | 9 | 18 36 25.39 | 3.805 | 29 6 29.3 | 3.173 | (405.) |
| 69 | 7 | 18 36 39.85 | 3.762 | 27 39 1.7 | 3.194 | (404.) |
| 70 | 10 | 18 37 16.49 | 3.885 | 31 41 16.6 | 3.246 | (406.) |
| 71 | 9 | 18 37 28.72 | 3.892 | 31 53 33.0 | 3.265 | (406.) |
| 72 | 10 | 18 37 33.39 | 3.809 | 29 15 41.6 | 3.270 | (405.) |
| 73 | 8. 9 | 18 38 34.21 | 3.847 | 30 30 49.8 | 3.359 | (406.) |
| 74 | 9 | 18 39 44.96 | 3.850 | 30 37 53.4 | 3.460 | (406.) |
| 75 | 10 | 18 39 55.08 | 3.784 | 28 26 45.5 | 3.475 | (405.) |
| 76 | 10 | 18 40 18.93 | 3.836 | 30 10 11.9 | 3.509 | (406.) |
| 77 | 9 | 18 40 53.61 | 3.793 | 28 46 22.4 | 3.560 | (405.) |
| 78 | 10 | 18 41 43.28 | 3.816 | 29 35 12.8 | 3.629 | (405.) |
| 79 | 9 | 18 42 18.19 | 3.864 | 31 7 41.7 | 3.679 | (406.) |
| 80 | 7. 8 | 18 43 5.38 | 3.815 | 29 32 59.3 | 3.748 | (405.) Ll. |
| 81 | 9 | 18 43 43.53 | 3.766 | 27 55 49.8 | 3.804 | (405.) Ll. |
| 82 | 9 | 18 45 0.10 | 3.868 | 31 18 31.2 | 3.913 | (406.) |
| 83 | 9. 10 | 18 45 2.00 | 3.768 | 28 0 42.9 | 3.916 | (405.) |
| 84 | 10 | 18 45 52.53 | 3.788 | 28 43 43.9 | 3.989 | (405.) |
| 85 | 8 | 18 46 45.32 | 3.837 | 30 21 57.4 | 4.063 | (406.) |
| 86 | 10 | 18 47 7.49 | 3.799 | 29 6 37.7 | 4.095 | (405.) |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 87 | 8 | 18 48 43.35 | + 3.863 | - 31 13 35.9 | + 4.231 | (406.) |
| 88 | 9 | 18 49 57.69 | 3.746 | 27 22 27.3 | 4.339 | (404.) |
| 89 | 9 | 18 51 9.65 | 3.759 | 27 50 50.7 | 4.440 | (404.) |
| 90 | 7 | 18 53 3.87 | 3.824 | 30 5 20.5 | 4.603 | (406.) Ll. R. |
| 91 | 9. 10 | 18 55 12.35 | 3.792 | 29 4 37.0 | 4.784 | (405.) |
| 92 | 10 | 18 55 41.11 | 3.753 | 27 44 10.7 | 4.824 | (404.) |
| 93 | 8 | 18 56 17.81 | 3.798 | 29 17 59.4 | 4.877 | (405.) |
| 94 | 9. 10 | 18 56 28.33 | 3.878 | 31 54 54.8 | 4.891 | (406.) |
| 95 | 8 | 18 56 58.40 | 3.746 | 27 30 29.8 | 4.934 | (404.) |
| 96 | 10 | 18 57 21.85 | 3.824 | 30 10 30.8 | 4.969 | (406.) |
| 97 | 9. 10 | 18 57 37.50 | 3.799 | 29 23 1.5 | 4.991 | (405.) |
| 98 | 9. 10 | 18 57 39.60 | 3.823 | 30 10 9.6 | 4.994 | (406.) |
| 99 | 10 | 18 58 22.71 | 3.796 | 29 16 15.6 | 5.054 | (405.) |
| 100 | 9 | 18 58 54.49 | 3.853 | 31 12 1.9 | 5.099 | (406.) |
| 101 | 8. 9 | 18 59 28.46 | 3.786 | 28 58 9.6 | 5.145 | I. Ll. |
| 102 | 9 | 18 59 32.52 | 3.842 | 30 51 25.3 | 5.152 | (406.) |
| 103 | 8 | 19 0 54.37 | 3.823 | 30 14 26.7 | 5.267 | (406.) |
| 104 | 9. 10 | 19 1 45.86 | 3.776 | 28 41 21.4 | 5.339 | (405.) |
| 105 | 9 | 19 2 12.64 | 3.733 | 27 18 57.8 | 5.378 | (404.) |
| 106 | 9 | 19 2 57.47 | 3.755 | 28 23 8.5 | 5.440 | II. |
| 107 | 9 | 19 3 36.94 | 3.809 | 29 53 0.1 | 5.496 | III. |
| 108 | 8 | 19 4 38.16 | 3.730 | 27 17 16.1 | 5.561 | (404.) |
| 109 | 9 | 19 4 57.05 | 3.797 | 29 31 28.9 | 5.608 | (411.) |
| 110 | 8 | 19 5 4.90 | 3.814 | 30 4 56.6 | 5.619 | (406.) |
| 111 | 8 | 19 5 11.10 | 3.796 | 29 20 34.2 | 5.627 | IV. |
| 112 | 8. 9 | 19 5 19.46 | 3.740 | 27 34 16.2 | 5.639 | (404.) |
| 113 | 8 | 19 6 50.19 | 3.831 | 30 42 58.2 | 5.766 | (406.) |
| 114 | 8 | 19 7 22.83 | 3.778 | 28 55 32.9 | 5.811 | V. Ll. |

I. (405) +0.13 +4.6; (411) -0.12 -4.6. II. (405) +0.08 +3.3; (411) -0.07 -3.3. III. (405) +0.15 +8.7; (411) -0.14 -8.8. IV. (405) +0.33 +3.1; (411) -0.33 -3.1. V. (405) +0.10 +3.9; (411) -0.09 -3.9.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 115 | 10 | 19 9 9.00 | + 3.751 | - 28 4 22.3 | + 5.960 | (405.) |
| 116 | 8 | 19 9 28.41 | 3.763 | 28 29 49.5 | 5.986 | (411.) |
| 117 | 8 | 19 10 0.12 | 3.786 | 29 17 23.2 | 6.031 | (411.) |
| 118 | 10 | 19 10 5.63 | 3.771 | 28 49 14.0 | 6.039 | (405.) |
| 119 | 8 | 19 10 20.92 | 3.836 | 30 57 54.2 | 6.059 | (406.) |
| 120 | 9 | 19 11 14.44 | 3.755 | 28 16 16.9 | 6.134 | I. |
| 121 | 9 | 19 11 27.15 | 3.849 | 31 28 42.2 | 6.151 | (406.) |
| 122 | 7 | 19 12 8.32 | 3.802 | 29 52 52.5 | 6.208 | (411.) |
| 123 | 7 | 19 12 33.51 | 3.798 | 29 48 1.1 | 6.244 | (411.) |
| 124 | 8 | 19 13 29.74 | 3.784 | 29 20 32.6 | 6.321 | II. Ll. |
| 125 | 9 | 19 14 9.76 | 3.746 | 28 3 27.5 | 6.377 | (411.) |
| 126 | 9 | 19 14 14.89 | 3.772 | 28 57 5.2 | 6.384 | III. |
| 127 | 9 | 19 14 22.40 | 3.772 | 28 57 41.1 | 6.393 | (411.) |
| 128 | 9 | 19 15 8.29 | 3.769 | 28 54 0.7 | 6.457 | IV. |
| 129 | 7 | 19 15 36.72 | 3.788 | 29 35 39.2 | 6.497 | (411.) |
| 130 | 9 | 19 16 18.10 | 3.811 | 30 23 45.0 | 6.554 | (406.) |
| 131 | 9. 10 | 19 16 25.68 | 3.738 | 27 50 24.7 | 6.564 | (411.) |
| 132 | 7. 8 | 19 17 27.33 | 3.799 | 30 1 57.0 | 6.649 | (406.) |
| 133 | 9 | 19 17 40.03 | 3.786 | 29 35 59.5 | 6.667 | V. |
| 134 | 8. 9 | 19 18 23.95 | 3.792 | 29 47 38.0 | 6.728 | VI. |
| 135 | 9 | 19 18 54.96 | 3.788 | 29 41 5.2 | 6.770 | VII. |
| 136 | 8 | 19 19 28.44 | 3.775 | 29 16 10.6 | 6.815 | VIII. |
| 137 | 9 | 19 19 55.71 | 3.796 | 30 0 32.9 | 6.853 | (406.) |
| 138 | 8 | 19 20 7.87 | 3.827 | 31 5 18.5 | 6.869 | (406.) |
| 139 | 10 | 19 20 45.53 | 3.734 | 27 52 29.4 | 6.922 | (411.) |
| 140 | 9. 10 | 19 21 24.05 | 3.785 | 29 41 14.0 | 6.973 | (405.) |
| 141 | 9 | 19 21 50.03 | 3.736 | 28 0 41.5 | 7.009 | (411.) |

I. (405) +0.26 +3.7; (411) -0.25 -3.7. II. (405) +0.21 +8.8; (411) -0.20 -8.9.
III. (405) +0.33 +2.8; (411) -0.32 -2.8. IV. (405) +0.13 +1.2; (411) -0.12 -1.3.
V. (405) +0.21 +1.4; (411) -0.21 -1.5. VI. (405) +0.20 +1.9; (411) -0.19 -2.0.
VII. (405) +0.31 +0.9; (411) -0.31 -0.9. VIII. (405) +0.25 +1.8; (411) -0.24 -1.8.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 142 | 9 | 19 22 41.89 | + 3.833 | - 31 23 10.7 | + 7.081 | (406.) |
| 143 | 8 | 19 22 41.89 | 3.749 | 28 31 19.5 | 7.081 | (405.) Ll. |
| 144 | 8. 9 | 19 22 53.60 | 3.737 | 28 3 39.1 | 7.096 | (411.) |
| 145 | 7. 8 | 19 23 18.83 | 3.743 | 28 18 6.9 | 7.131 | (411.) Ll. |
| 146 | 8 | 19 23 32.64 | 3.811 | 30 40 32.0 | 7.150 | (406.) |
| 147 | 9 | 19 23 46.23 | 3.718 | 27 25 55.0 | 7.168 | (404.) |
| 148 | 10 | 19 24 10.80 | 3.743 | 28 20 42.5 | 7.202 | (405.) |
| 149 | 8. 9 | 19 24 18.28 | 3.758 | 28 51 3.8 | 7.211 | (411.) Ll. |
| 150 | 9 | 19 24 32.64 | 3.716 | 27 21 45.1 | 7.232 | (404.) |
| 151 | 8. 9 | 19 25 8.80 | 3.718 | 27 28 13.2 | 7.282 | (404.) |
| 152 | 10 | 19 25 20.55 | 3.765 | 29 8 31.3 | 7.297 | (411.) |
| 153 | 10 | 19 26 14.44 | 3.730 | 27 57 6.1 | 7.369 | (405.) |
| 154 | 9 | 19 26 31.93 | 3.758 | 28 59 35.4 | 7.394 | (411.) Ll. |
| 155 | 10 | 19 26 50.83 | 3.835 | 31 39 28.3 | 7.419 | (406.) |
| 156 | 7. 8 | 19 27 2.80 | 3.759 | 29 0 3.8 | 7.436 | (411.) Ll. |
| 157 | 9 | 19 27 39.92 | 3.725 | 27 49 36.2 | 7.486 | I. |
| 158 | 10 | 19 27 56.23 | 3.729 | 27 59 48.5 | 7.507 | (405.) |
| 159 | 8. 9 | 19 28 29.76 | 3.761 | 29 8 32.8 | 7.553 | (411.) Ll. |
| 160 | 9 | 19 29 12.49 | 3.758 | 29 4 23.9 | 7.610 | II. Ll. |
| 161 | 9 | 19 29 16.24 | 3.720 | 27 41 25.2 | 7.615 | (404.) |
| 162 | 7 | 19 29 34.17 | 3.754 | 28 56 29.2 | 7.639 | III. Ll. |
| 163 | 9 | 19 29 39.89 | 3.719 | 27 42 18.3 | 7.648 | (404.) |
| 164 | 9. 10 | 19 30 42.11 | 3.723 | 27 52 22.4 | 7.732 | IV. |
| 165 | 9. 10 | 19 31 15.21 | 3.715 | 27 38 13.2 | 7.775 | (404.) |
| 166 | 8 | 19 31 30.87 | 3.726 | 28 2 5.4 | 7.797 | V. Ll. |
| 167 | 10 | 19 31 45.78 | 3.783 | 30 4 51.0 | 7.817 | (406.) |
| 168 | 9. 10 | 19 32 23.82 | 3.752 | 29 1 40.4 | 7.868 | (411.) |

I. (403) +0.02 +4.4; (404) +0.17 0.0; (411) -0.18 -4.4. II. (405) +0.26 +1.7; (411) -0.26 -1.7. III. (405) +0.24 +3.1; (411) -0.24 -3.2. IV. (405) +0.19 -1.7; (411) -0.19 +1.6. V. (405) +0.06 +2.9; (411) -0.06 -2.9.



154 2 Sterne? { 19h 26′ 31″.67 -29° 1′ 35″.2 9 [illegible]
19 26 40.20 -28 50 35.7

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 169 | 9 | 19 32 28.50 | + 3.757 | - 29 11 44.4 | + 7.873 | I. |
| 170 | 10 | 19 33 48.32 | 3.750 | 28 59 43.7 | 7.980 | (411.) |
| 171 | 8 | 19 35 5.11 | 3.721 | 27 59 34.3 | 8.083 | II. Ll. |
| 172 | 10 | 19 36 21.28 | 3.745 | 28 56 7.2 | 8.185 | (411.) |
| 173 | 8 | 19 37 20.76 | 3.707 | 27 37 32.2 | 8.265 | (404.) |
| 174 | 9. 10 | 19 37 37.34 | 3.750 | 29 11 25.1 | 8.286 | (411.) |
| 175 | 8 | 19 37 41.63 | 3.815 | 31 28 24.6 | 8.293 | (406.) |
| 176 | 7 | 19 38 28.32 | 3.740 | 28 51 19.6 | 8.353 | (411.) |
| 177 | 9 | 19 38 35.71 | 3.718 | 28 5 41.2 | 8.364 | (414.) Ll. |
| 178 | 8 | 19 39 36.77 | 3.792 | 30 46 31.0 | 8.444 | (406.) |
| 179 | 7 | 19 39 49.49 | 3.746 | 29 9 22.2 | 8.460 | (411.) Ll. |
| 180 | 8 | 19 40 15.62 | 3.821 | 31 38 36.2 | 8.496 | (406.) |
| 181 | 8 | 19 41 1.05 | 3.775 | 30 15 19.5 | 8.555 | (406.) |
| 182 | 8. 9 | 19 41 6.74 | 3.736 | 28 50 12.9 | 8.563 | (411.) |
| 183 | 8 | 19 41 31.15 | 3.739 | 28 56 2.4 | 8.594 | (411.) |
| 184 | 8 | 19 41 38.21 | 3.736 | 28 52 34.3 | 8.603 | (411.) |
| 185 | 9. 10 | 19 41 46.04 | 3.709 | 27 52 23.1 | 8.614 | (411.) |
| 186 | 8 | 19 41 55.49 | 3.708 | 27 50 42.2 | 8.626 | (405.) |
| 187 | 9 | 19 41 55.71 | 3.809 | 31 29 35.6 | 8.628 | (406.) |
| 188 | 7. 8 | 19 42 27.28 | 3.697 | 27 27 32.6 | 8.668 | (404.) |
| 189 | 9. 10 | 19 42 32.66 | 3.775 | 30 19 3.8 | 8.676 | (406.) |
| 190 | 10 | 19 43 28.09 | 3.724 | 28 31 13.7 | 8.748 | (405.) |
| 191 | 9 | 19 43 31.60 | 3.689 | 27 13 7.5 | 8.752 | (404.) |
| 192 | 9. 10 | 19 44 0.42 | 3.782 | 30 39 2.0 | 8.791 | (406.) |
| 193 | 9 | 19 44 12.46 | 3.690 | 27 19 27.6 | 8.807 | (404.) |
| 194 | 8. 9 | 19 44 59.25 | 3.683 | 27 4 39.8 | 8.869 | (404.) |
| 195 | 9 | 19 46 4 60 | 3.803 | 31 28 58.8 | 8.955 | (406.) |
| 196 | 9 | 19 46 10.01 | 3.747 | 29 29 2.9 | 8.962 | III. |
| 197 | 7 | 19 46 35.85 | 3.747 | 29 34 42.8 | 8.996 | (405.) |

I. (405) +0.36 +2.7; (411) -0.35 -2.7. II. (405) +0.23 +2.7; (411) -0.23 -2.8.
III. (405) +0.18 +1.5; (411) -0.17 -1.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 198 | 10 | 19 46 56.35 | + 3.795 | - 31 15 9.7 | + 9.022 | (406.) |
| 199 | 7 | 19 47 22.25 | 3.785 | 30 57 46.3 | 9.056 | (406.) |
| 200 | 9. 10 | 19 47 23.43 | 3.747 | 29 35 54.2 | 9.057 | (411.) |
| 201 | 9. 10 | 19 48 0.99 | 3.704 | 28 0 50.3 | 9.132 | (411.) |
| 202 | 9 | 19 49 4.30 | 3.769 | 30 28 10.3 | 9.188 | (406.) |
| 203 | 6. 7 | 19 49 29.85 | 3.782 | 30 56 17.4 | 9.222 | (406.) |
| 204 | 6. 7 | 19 49 41.08 | 3.728 | 28 59 20.1 | 9.236 | I. |
| 205 | 9 | 19 49 53.40 | 3.735 | 29 15 19.2 | 9.252 | (411.) Ll. |
| 206 | 8. 9 | 19 50 30.61 | 3.729 | 29 3 6.9 | 9.301 | (411.) |
| 207 | 8. 9 | 19 51 18.50 | 3.726 | 28 59 27.3 | 9.363 | II. Ll. |
| 208 | 9 | 19 52 13.47 | 3.752 | 30 1 46.9 | 9.432 | (406.) |
| 209 | 8 | 19 52 51.29 | 3.707 | 28 24 27.1 | 9.480 | (411.) Ll. |
| 210 | 10 | 19 52 53.13 | 3.713 | 28 36 35.8 | 9.483 | (405.) |
| 211 | 5 | 19 53 25.58 | 3.700 | 28 7 20.3 | 9.525 | (411.) Ll. R. |
| 212 | 10 | 19 53 28.47 | 3.717 | 28 47 16.5 | 9.527 | (405.) |
| 213 | 10 | 19 54 5.38 | 3.670 | 27 2 53.0 | 9.576 | (404.) |
| 214 | 10 | 19 54 34.20 | 3.707 | 28 29 8.9 | 9.612 | (405.) |
| 215 | 7. 8 | 19 54 51.29 | 3.778 | 31 7 59.1 | 9.634 | (406.) |
| 216 | 7. 8 | 10 55 1.72 | 3.766 | 30 34 59.1 | 9.649 | (406.) |
| 217 | 9 | 19 55 12.49 | 3.698 | 28 9 42.4 | 9.662 | (413.) |
| 218 | 9. 10 | 19 55 54.10 | 3.743 | 29 53 49.4 | 9.715 | (411.) |
| 219 | 7. 8 | 19 56 2.46 | 3.677 | 27 13 57.9 | 9.726 | (404.) Ll. |
| 220 | 9 | 19 56 3.70 | 3.698 | 28 12 52.4 | 9.728 | (413.) |
| 221 | 8 | 19 56 59.54 | 3.799 | 32 — — | 9.799 | (406.) |
| 222 | 8 | 19 57 0.61 | 3.720 | 29 29 42.0 | 9.800 | (411.) |
| 223 | 8 | 19 57 3.91 | 3.687 | 27 51 15.4 | 9.804 | (411.) |
| 224 | 9 | 19 57 24.02 | 3.712 | 28 47 41.8 | 9.829 | III. Ll. |
| 225 | 8. 9 | 19 57 34.96 | 3.738 | 29 50 13.8 | 9.843 | (413.) |
| 226 | 9 | 19 57 59.79 | 3.730 | 29 34 4.1 | 9.875 | (411.) |

I. (405) -0.42 +0.8; (411) +0.43 -0.9. II. (405) +0.15 -3.3; (411) -0.14 +3.4.
III. (405) +0.31 -1.3; (413) -0.30 +1.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 227 | 9 | 19 58 20.29 | + 3.777 | - 31 16 52.9 | + 9.900 | (406.) |
| 228 | 8. 9 | 19 58 24.14 | 3.710 | 28 48 46.5 | 9.905 | (411.) |
| 229 | 8 | 19 58 35.19 | 3.736 | 29 50 23.3 | 9.919 | (411.) |
| 230 | 8 | 19 59 2.88 | 3.768 | 31 0 6.7 | 9.955 | (406.) |
| 231 | 9. 10 | 19 59 16.09 | 3.672 | 27 26 7.8 | 9.972 | (404.) |
| 232 | 9 | 19 59 51.76 | 3.696 | 28 22 52.3 | 10.017 | I. Ll. |
| 233 | 7 | 20 0 3.40 | 3.709 | 28 52 18.4 | 10.031 | (411.) |
| 234 | 9 | 20 0 7.61 | 3.696 | 28 23 17.0 | 10.037 | II. Ll. |
| 235 | 9 | 20 0 32.21 | 3.739 | 30 4 1.0 | 10.067 | (406.) |
| 236 | 9. 10 | 20 0 53.29 | 3.688 | 28 7 52.6 | 10.094 | III. |
| 237 | 9 | 20 2 1.28 | 3.769 | 31 14 12.5 | 10.179 | (406.) |
| 238 | 8 | 20 2 11.47 | 3.712 | 29 7 54.8 | 10.191 | IV. |
| 239 | 8. 9 | 20 2 54.10 | 3.707 | 29 59 41.8 | 10.245 | (406.) |
| 240 | 10 | 20 3 31.86 | 3.689 | 28 21 32.9 | 10.292 | V. |
| 241 | 10 | 20 4 30.79 | 3.718 | 29 21 44.7 | 10.366 | (411.) |
| 242 | 9 | 20 4 32.26 | 3.767 | 31 20 54.7 | 10.367 | (406.) |
| 243 | 10 | 20 5 5.54 | 3.721 | 29 40 27.0 | 10.410 | (405.) |
| 244 | 7 | 20 5 55.34 | 3.663 | 27 28 36.4 | 10.471 | (404.) |
| 245 | 9 | 20 6 12.38 | 3.698 | 28 55 54.0 | 10.492 | VI. |
| 246 | 6 | 20 6 31.15 | 3.739 | 30 27 30.9 | 10.516 | (406.) |
| 247 | 9. 10 | 20 6 37.15 | 3.692 | 28 39 30.5 | 10.523 | VII. |
| 248 | 9 | 20 7 24.34 | 3.676 | 28 3 31.2 | 10.583 | VIII. |
| 249 | 8 | 20 7 36.95 | 3.762 | 31 39 44.2 | 10.598 | (406.) |
| 250 | 9 | 20 8 19.58 | 3.720 | 29 51 1.3 | 10.652 | (413.) |
| 251 | 9 | 20 8 47.15 | 3.687 | 28 35 32.0 | 10.684 | IX. |
| 252 | 9. 10 | 20 10 34.91 | 3.715 | 29 50 16.9 | 10.818 | (411.) |

**I.** (411) -0.01 [+26.2]; (413) +0.01 0.0. **II.** (411) -0.02 -3.6; (413) +0.02 +3.6. **III.** (405) +0.26 -1.6; (411) -0.10 +0.3; (413) -0.15 +1.2. **IV.** (405) +0.36 0.0; (411) -0.39 -1.5; (413) +0.02 +1.4. **V.** (405) +0.18 -0.6; (413) -0.17 +0.6. **VI.** (405) +0.29 +1.8; (411) -0.37 -3.5; (413) +0.08 +1.6. **VII.** (405) +0.31 -1.3; (413) -0.31 +1.3. **VIII.** (405) -0.01 +2.9; (411) +0.02 -2.9. **IX.** (405) +0.19 +2.6; (411) -0.18 -2.6.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 253 | 10 | 20 10 40.01 | + 3.663 | - 27 48 37.7 | + 10.824 | (404.) |
| 254 | 8 | 20 11 0.10 | 3.709 | 29 35 45.8 | 10.849 | I. |
| 255 | 9 | 20 11 7.54 | 3.758 | 31 27 58.4 | 10.859 | (406.) |
| 256 | 8. 9 | 20 11 12.27 | 3.711 | 29 39 35.1 | 10.863 | II. Doppelst. |
| 257 | 9 | 20 11 38.19 | 3.650 | 27 18 16.5 | 10.896 | (404.) |
| 258 | 9 | 20 12 35.92 | 3.738 | 30 51 7.8 | 10.967 | (406.) |
| 259 | 9 | 20 12 43.32 | 3.704 | 29 33 42.1 | 10.976 | III. |
| 260 | 9. 10 | 20 13 15.29 | 3.665 | 28 1 56.8 | 11.015 | (411.) |
| 261 | 9 | 20 13 42.35 | 3.704 | 29 37 31.9 | 11.048 | IV. |
| 262 | 7. 8 | 20 14 51.73 | 3.737 | 30 57 58.5 | 11.132 | (406.) |
| 263 | 9. 10 | 20 14 57.86 | 3.663 | 28 3 4.5 | 11.140 | V. |
| 264 | 8 | 20 15 29.11 | 3.800 | 29 33 17.2 | 11.177 | VI. |
| 265 | 8 | 20 16 4.52 | 3.725 | 30 28 2.9 | 11.221 | (406.) |
| 266 | 7 | 20 16 15.20 | 3.687 | 29 8 40.8 | 11.233 | VII. Ll. |
| 267 | 8. 9 | 20 16 19.94 | 3.708 | 29 55 5.0 | 11.239 | (406.) |
| 268 | 7. 8 | 20 16 45.12 | 3.635 | 27 2 20.8 | 11.269 | (404.) |
| 269 | 9 | 20 16 50.02 | 3.696 | 29 31 15.6 | 11.275 | (413.) |
| 270 | 8 | 20 17 20.03 | 3.696 | 29 33 24.6 | 11.311 | VIII. |
| 271 | 8 | 20 17 20.99 | 3.739 | 31 9 40.1 | 11.312 | (406.) |
| 272 | 8. 9 | 20 18 17.25 | 3.689 | 29 18 5.4 | 11.379 | IX. |
| 273 | 7 | 20 18 25.44 | 3.741 | 31 20 5.6 | 11.389 | (406.) |
| 274 | 8 | 20 18 45.94 | 3.673 | 28 45 4.3 | 11.414 | X. Ll. |
| 275 | 10 | 20 19 57.95 | 3.700 | 29 52 59.8 | 11.501 | (411.) |
| 276 | 9 | 20 20 31.21 | 3.688 | 29 31 11.5 | 11.540 | XI. |
| 277 | 9. 10 | 20 20 33.68 | 3.646 | 27 48 17.1 | 11.544 | (412.) Ll. |

**I.** (405) +0.28 -0.2; (413) -0.27 +0.1. **II.** (405) 0.00 -1.8; (411) -0.28 +1.6; (413) +0.28 +0.4. **III.** (405) +0.44 -1.2; (413) -0.44 +1.2. **IV.** (405) +0.17 +3.8; (411) +0.13 -6.8; (413) -0.29 +3.1. **V.** (405) +0.06 -1.7; (411) -0.05 +1.7. **VI.** (411) +0.11 -4.0; (413) -0.11 +3.9. **VII.** (405) +0.04 +4.8; (415) -0.03 -4.8. **VIII.** (405) +0.12 +1.0; (411) -0.02 -4.4; (413) -0.09 +3.5. **IX.** (405) +0.15 +1.8; (411) -0.21 -1.3; (412) +0.17 -2.3; (413) -0.11 +1.7. **X.** (405) -0.03 +3.5; (411) +0.03 -3.5. **XI.** (405) +0.12 +1.8; (411) +0.03 -3.4; (413) -0.16 +1.5.

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|---|---|---|---|---|---|---|
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| 278 | 10 | 20 21 21.27 | + 3.746 | - 31 47 5.7 | + 11.599 | (406.) |
| 279 | 7. 8 | 20 21 44.94 | 3.689 | 29 36 36.1 | 11.628 | I. |
| 280 | 9 | 20 22 38.40 | 3.661 | 28 34 25.7 | 11.691 | II. Ll. |
| 281 | 9 | 20 23 12.39 | 3.674 | 29 6 16.4 | 11.731 | III. |
| 282 | 7. 8 | 20 23 23.38 | 3.743 | 31 53 7.3 | 11.745 | (406.) |
| 283 | 8 | 20 23 32.90 | 3.671 | 29 5 54.8 | 11.756 | IV. |
| 284 | 8. 9 | 20 24 23.04 | 3.712 | 30 41 26.0 | 11.815 | (406.) |
| 285 | 8 | 20 24 37.57 | 3.688 | 29 47 55.6 | 11.833 | V. |
| 286 | 7 | 20 25 31.93 | 3.717 | 30 58 57.2 | 11.896 | (406.) |
| 287 | 9 | 20 25 45.13 | 3.669 | 29 6 7.8 | 11.912 | VI. |
| 288 | 10 | 20 26 40.93 | 3.715 | 31 3 44.9 | 11.976 | (406.) |
| 289 | 8. 9 | 20 28 7.09 | 3.667 | 29 13 42.9 | 12.077 | VII. |
| 290 | 10 | 20 28 18.65 | 3.726 | 31 32 39.3 | 12.092 | (406.) |
| 291 | 10 | 20 28 38.62 | 3.669 | 29 20 35.9 | 12.115 | VIII. |
| 292 | 7. 8 | 20 28 53.16 | 3.723 | 31 29 50.2 | 12.131 | (406.) |
| 293 | 8. 9 | 20 29 54.91 | 3.657 | 28 56 50.7 | 12.203 | IX. Ll. |
| 294 | 9 | 20 30 22.45 | 3.721 | 31 26 52.0 | 12.234 | (406.) |
| 295 | 9 | 20 31 0.61 | 3.666 | 29 23 43.5 | 12.279 | X. |
| 296 | 7 | 20 31 25.65 | 3.612 | 27 10 13.4 | 12.307 | (404.) |
| 297 | 8 | 20 31 45.57 | 3.656 | 29 4 36.0 | 12.331 | XI. |
| 298 | 9. 10 | 20 31 51.14 | 3.725 | 29 59 3.7 | 12.336 | (406.) |
| 299 | 9. 10 | 20 32 23.08 | 3.669 | 29 40 9.7 | 12.374 | (413.) |
| 300 | 8. 9 | 20 32 28.55 | 3.641 | 28 31 23.8 | 12.381 | XII. |

**I.** (405) +0.20 +1.2; (411) -0.12 -3.0; (413) -0.09 +1.8. **II.** (405) +0.24 +3.2; (411) -0.11 -3.5; (412) -0.13 +0.4. **III.** (405) -0.18 +1.6; (411) +0.13 -2.3; (413) +0.05 +0.7. **IV.** (405) +0.04 +1.2; (411) +0.03 -2.7; (412) -0.10 -1.9; (413) +0.05 +3.3. **V.** (405) -0.03 +5.0; (411) +0.06 -4.2; (412) +0.01 -1.3; (413) -0.02 +0.4. **VI.** (411) +0.09 -3.6; (413) -0.09 +3.5. **VII.** (405) +0.24 +2.7; (411) -0.02 -5.2; (412) -0.06 -1.4; (413) -0.17 +3.9. **VIII.** (405) +0.06 +0.9; (413) -0.05 -1.0. **IX.** (405) +0.16 +1.1; (412) +0.01 -3.8; (413) -0.16 +2.6. **X.** (412) +0.19 -1.1; (413) -0.18 +1.0. **XI.** (411) -0.05 -1.1; (412) +0.02 +1.0. **XII.** (405) +0.01 +2.2; (411) -0.01 -2.3.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 301 | 9 | 20 32 38.99 | + 3.659 | - 29 17 33.7 | + 12.392 | (412.) |
| 302 | 10 | 20 32 51.35 | 3.623 | 27 44 46.0 | 12.405 | (404.) |
| 303 | 9 | 20 33 2.95 | 3.708 | 31 15 20.4 | 12.420 | (406.) |
| 304 | 9. 10 | 20 33 39.81 | 3.666 | 29 39 43.9 | 12.462 | I. |
| 305 | 8. 9 | 20 33 55.64 | 3.658 | 29 18 11.6 | 12.480 | II. |
| 306 | 7 | 20 34 7.72 | 3.673 | 29 56 56.6 | 12.495 | (406.) |
| 307 | 8 | 20 34 25.64 | 3.692 | 30 45 49.5 | 12.515 | (406.) |
| 308 | 9 | 20 34 51.23 | 3.635 | 28 27 4.1 | 12.543 | III. Ll. |
| 309 | 8. 9 | 20 35 30.35 | 3.641 | 28 44 29.4 | 12.587 | (412.) Ll. |
| 310 | 9. 10 | 20 35 35.46 | 3.623 | 27 58 24.5 | 12.593 | IV. |
| 311 | 7 | 20 36 11.80 | 3.695 | 31 0 56.8 | 12.634 | (406.) |
| 312 | 7 | 20 36 12.17 | 3.618 | 27 47 14.5 | 12.634 | (411.) |
| 313 | 9. 10 | 20 36 18.81 | 3.649 | 29 9 39.4 | 12.643 | (411.) |
| 314 | 10 | 20 37 10.99 | 3.643 | 28 58 58.1 | 12.701 | (412.) |
| 315 | 10 | 20 37 39.73 | 3.664 | 29 53 40.1 | 12.734 | (406.) |
| 316 | 10 | 20 37 40.24 | 3.638 | 28 49 55.8 | 12.734 | (405.) |
| 317 | 8 | 20 38 15.14 | 3.624 | 28 14 35.0 | 12.774 | V. |
| 318 | 8 | 20 38 50.80 | 3.624 | 28 17 52.9 | 12.814 | VI. |
| 319 | 10 | 20 39 13.10 | 3.713 | 32 — — | 12.839 | (406.) |
| 320 | 10 | 20 39 34.29 | 3.605 | 27 32 32.7 | 12.862 | (404.) |
| 321 | 10 | 20 39 55.23 | 3.605 | 27 33 25.8 | 12.886 | (404.) |
| 322 | 9 | 20 39 55.37 | 3.651 | 29 34 53.9 | 12.886 | VII. |
| 323 | 7. 8 | 20 40 7.24 | 3.679 | 30 44 31.4 | 12.898 | (406.) |
| 324 | 9 | 20 40 24.24 | 3.635 | 28 53 55.2 | 12.917 | VIII. |
| 325 | 8 | 20 41 5.16 | 3.611 | 27 55 8.7 | 12.963 | IX. |

I. (405) +0.29 -0.5; (413) -0.29 +0.5. II. (411) -0.02 -1.9; (412) -0.06 +1.9; (413) +0.08 —. III. (405) -0.01 +4.0; (411) -0.10 -5.2; (412) +0.12 +1.3. IV. (405) +0.23 +3.0; (411) -0.23 -3.1. V. (411) -0.08 -3.6; (412) +0.07 -1.0; (413) +0.01 +4.7. VI. (405) +0.04 +0.6; (411) -0.08 -3.6; (412) -0.05 -2.0; (413) +0.11 +4.8. VII. (411) -0.07 -1.9; (413) +0.07 +1.9. VIII. (405) +0.06 +0.7; (411) +0.04 -2.8; (412) -0.32 -1.2; (413) +0.23 +3.4. IX. (411) -0.11 +0.7; (412) +0.11 -0.8.

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|---|---|---|---|---|---|---|
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| 326 | 10 | 20 41 25.33 | + 3.625 | - 28 33 42.1 | + 12.985 | (405.) |
| 327 | 7. 8 | 20 42 34.22 | 3.620 | 28 33 8.1 | 13.062 | I. |
| 328 | 7. 8 | 20 42 34.63 | 3.605 | 27 48 3.6 | 13.063 | II. |
| 329 | 4 | 20 42 51.58 | 3.595 | 27 28 34.6 | 13.148 | (404.) Ll. R. |
| 330 | 9 | 20 44 18.42 | 3.620 | 28 35 6.6 | 13.176 | III. Ll. |
| 331 | 7. 8 | 20 45 6.17 | 3.616 | 28 29 17.5 | 13.229 | IV. Ll. |
| 332 | 9 | 20 45 35.52 | 3.615 | 28 29 43.0 | 13.262 | V. Ll. |
| 333 | 10 | 20 45 39.56 | 3.644 | 29 58 31.0 | 13.267 | (406.) |
| 334 | 10 | 20 46 36.87 | 3.663 | 30 41 40.4 | 13.328 | (406.) |
| 335 | 9. 10 | 20 47 9.24 | 3.637 | 29 38 15.1 | 13.363 | VI. |
| 336 | 9. 10 | 20 47 54.93 | 3.595 | 27 49 27.6 | 13.413 | (411.) |
| 337 | 10 | 20 48 41.60 | 3.604 | 28 19 5.1 | 13.464 | VII. |
| 338 | 10 | 20 49 45.30 | 3.592 | 27 53 39.7 | 13.532 | (411.) |
| 339 | 9. 10 | 20 50 4.93 | 3.590 | 27 49 32.7 | 13.554 | (413.) |
| 340 | 8 | 20 50 17.67 | 3.668 | 31 15 8.0 | 13.568 | (406.) |
| 341 | 8 | 20 51 22.16 | 3.590 | 27 55 13.2 | 13.636 | VIII. Ll. |
| 342 | 8. 9 | 20 51 46.01 | 3.610 | 28 54 1.3 | 13.662 | (413.) |
| 343 | 10 | 20 51 56.70 | 3.583 | 27 37 50.4 | 13.674 | (404.) |
| 344 | 8 | 20 51 58.91 | 3.642 | 30 18 39.8 | 13.675 | (406.) |
| 345 | 10 | 20 52 2.00 | 3.643 | 30 19 51.3 | 13.679 | (406.) |
| 346 | 9. 10 | 20 52 24.48 | 3.597 | 28 17 25.5 | 13.702 | IX. |
| 347 | 8 | 20 52 35.01 | 3.597 | 28 23 14.3 | 13.714 | X. |
| 348 | 6. 7 | 20 52 50.66 | 3.577 | 27 27 53.3 | 13.731 | (404.) |

**I.** (405) +0.23 +1.2; (411) +0.03 -3.0; (412) -0.16 -1.7; (413) -0.11 +3.3. **II.** (411) -0.08 -0.2; (412) +0.09 +0.2. **III.** (405) +0.25 +0.4; (411) -0.19 -3.0; (413) -0.07 +2.5. **IV.** (405) +0.02 +0.9; (411) -0.06 -2.2; (412) +0.09 -2.7; (413) -0.05 +4.1. **V.** (405) +0.03 -0.7; (411) +0.19 -2.8; (413) -0.23 +3.6. **VI.** (405) +0.19 +3.4; (411) -0.17 -2.1; (412) -0.02 -5.0; (413) +0.02 +3.8. **VII.** (412) +0.14 -4.0; (413) -0.13 +4.0. **VIII.** (405) -0.05 +2.2; (411) 0.00 -2.1; (412) +0.23 -3.2; (413) -0.18 +3.1. **IX.** (405) +0.15 +3.8; (411) -0.20 -0.1; (412) +0.04 -3.7. **X.** (405) +0.17 +2.0; (411) +0.01 +0.1; (412) +0.04 -3.6; (413) -0.23 +1.6.

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| 349 | 7. 8 | 20 53 54.84 | + 3.624 | - 29 41 45.7 | + 13.799 | I. |
| 350 | 7 | 20 54 12.94 | 3.592 | 28 19 3.8 | 13.818 | II. Ll. |
| 351 | 9. 10 | 20 55 10.73 | 3.622 | 29 44 8.3 | 13.880 | (412.) |
| 352 | 8. 9 | 20 55 24.64 | 3.586 | 28 7 21.1 | 13.894 | III. Ll. |
| 353 | 8. 9 | 20 55 35.20 | 3.568 | 27 19 41.4 | 13.905 | (404.) |
| 354 | 9. 10 | 20 56 42.57 | 3.616 | 29 43 11.2 | 13.976 | (413.) |
| 355 | 7 | 20 56 57.06 | 3.639 | 30 43 6.2 | 13.990 | (406.) |
| 356 | 9 | 20 57 55.39 | 3.583 | 28 15 39.5 | 14.051 | IV. |
| 357 | 8. 9 | 20 57 57.18 | 3.625 | 30 10 57.4 | 14.053 | (406.) |
| 358 | 10 | 20 58 19.42 | 3.577 | 27 58 50.3 | 14.076 | (413.) |
| 359 | 7. 8 | 20 58 28.23 | 3.574 | 27 53 19.6 | 14.086 | V. Ll. |
| 360 | 10 | 20 58 45.21 | 3.565 | 27 30 20.1 | 14.103 | (404.) |
| 361 | 8 | 20 59 38.16 | 3.556 | 27 11 31.5 | 14.158 | (404.) |
| 362 | 10 | 20 59 41.91 | 3.619 | 30 8 11.2 | 14.162 | (406.) |
| 363 | 7. 8 | 21 0 0.62 | 3.596 | 29 4 26.2 | 14.182 | VI. Ll. |
| 364 | 9 | 21 0 7.42 | 3.607 | 29 40 56.9 | 14.188 | (405.) |
| 365 | 9 | 21 0 7.99 | 3.565 | 27 36 40.2 | 14.189 | (404.) |
| 366 | 9 | 21 0 22.40 | 3.587 | 28 42 36.2 | 14.204 | VII. |
| 367 | 7 | 21 1 4.86 | 3.621 | 30 19 40.3 | 14.248 | (406.) |
| 368 | 8 | 21 1 32.25 | 3.592 | 29 5 49.9 | 14.275 | VIII. Ll. |
| 369 | 9 | 21 2 20.65 | 3.549 | 27 5 19.8 | 14.325 | (404.) |
| 370 | 8 | 21 3 4.11 | 3.635 | 31 11 59.2 | 14.369 | (406.) |
| 371 | 8 | 21 3 22.99 | 3.576 | 28 30 53.7 | 14.388 | IX. Ll. |
| 372 | 8. 9 | 21 3 57.49 | 3.550 | 27 18 52.3 | 14.423 | (404.) |

I. (405) +0.04 -0.1; (411) -0.15 -3.4; (413) +0.12 +3.5. II. (405) +0.13 +1.9; (411) +0.01 -2.0; (412) -0.02 -4.6; (413) -0.13 +4.5. III. (405) +0.35 +3.3; (411) -0.10 +1.6; (413) -0.24 -4.8. IV. (405) +0.17 +1.8; (411) -0.16 -1.9. V. (411) +0.01 -1.6; (412) +0.22 -1.4; (413) -0.24 +3.0. VI. (411) -0.05 -2.2; (412) +0.06 -1.9; (413) -0.01 +4.1. VII. (411) +0.18 -5.2; (413) -0.17 +5.2. VIII. (405) +0.17 +0.4; (411) -0.09 -2.6; (412) +0.18 -0.4; (413) -0.24 +2.6. IX. (405) +0.18 +1.6; (411) -0.28 -3.0; (412) +0.01 -0.9; (413) -0.02 +2.3.



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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 373 | 6 | 21 4 22.91 | + 3.569 | - 28 13 40.6 | + 14.449 | I. Ll. |
| 375 | 10 | 21 4 47.78 | 3.622 | 30 48 40.5 | 14.474 | (406.) |
| 375 | 8 | 21 4 59.83 | 3.610 | 30 16 45.7 | 14.487 | (406.) |
| 376 | 10 | 21 5 17.38 | 3.561 | 27 59 0.4 | 14.504 | (413.) |
| 377 | 8 | 21 5 58.93 | 3.627 | 31 35 57.7 | 14.546 | (406.) |
| 378 | 9 | 21 6 29.06 | 3.550 | 27 33 19.9 | 14.576 | (404.) |
| 379 | 10 | 21 7 0.75 | 3.583 | 29 16 54.3 | 14.608 | II. |
| 380 | 9 | 21 7 32.55 | 3.577 | 29 7 51.1 | 14.640 | (413.) Ll. |
| 381 | 10 | 21 7 55.42 | 3.633 | 31 39 51.0 | 14.662 | (406.) |
| 382 | 9 | 21 8 8.78 | 3.545 | 27 31 40.3 | 14.676 | (404.) |
| 383 | 9. 10 | 21 8 55.62 | 3.550 | 27 51 3.8 | 14.723 | III. |
| 384 | 9 | 21 9 7.86 | 3.597 | 30 8 4.2 | 14.735 | (406.) |
| 385 | 7. 8 | 21 10 1.81 | 3.579 | 29 23 24.5 | 14.788 | IV. Ll. |
| 386 | 8 | 21 11 1.58 | 3.545 | 27 50 17.6 | 14.847 | V. Ll. |
| 387 | 9 | 21 11 11.41 | 3.547 | 27 55 56.4 | 14.856 | VI. Ll. |
| 388 | 10 | 21 11 27.11 | 3.601 | 30 33 58.7 | 14.871 | (406.) |
| 389 | 8 | 21 11 52.27 | 3.621 | 31 35 22.9 | 14.896 | (406.) |
| 390 | 9 | 21 12 18.08 | 3.552 | 28 21 50.4 | 14.922 | (411.) |
| 391 | 7. 8 | 21 12 53.97 | 3.580 | 29 47 56.1 | 14.956 | VII. |
| 392 | 9. 10 | 21 13 45.15 | 3.531 | 27 27 55.9 | 15.023 | (404.) |
| 393 | 8 | 21 14 3.15 | 3.612 | 31 27 14.8 | 15.023 | (406.) |
| 394 | 9 | 21 14 11.30 | 3.556 | 28 44 15.1 | 15.030 | (411.) Ll. |
| 395 | 9 | 21 14 20.48 | 3.574 | 29 42 20.8 | 15.039 | VIII. |
| 396 | 9 | 21 15 36.02 | 3.552 | 28 44 57.1 | 15 112 | IX. |
| 397 | 9 | 21 15 44.15 | 3.613 | 31 44 47.1 | 15.120 | (406.) |

I. (411) +0.06 -0.5; (412) 0.00 -2.4; (413) -0.07 +3.0. II. (411) +0.44 -5.6; (413) -0.43 +5.6. III. (411) -0.09 -1.5; (412) +0.25 -2.6; (413) -0.16 +4.1. IV. (411) +0.03 -1.7; (412) +0.04 -1.7; (413) -0.07 +3.4. V. (411) +0.07 +0.7; (412) +0.16 -2.5; (413) -0.22 +1.9. VI. (411) +0.06 -0.6; (413) -0.06 +0.6; VII. (411) -0.10 -0.3; (412) +0.19 -3.3; (413) -0.08 +3.7. VIII. (411) +0.10 -3.1; (413) -0.09 +3.0. IX. (411) -0.01 -3.2; (413) +0.01 +3.2.

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| 398 | 10 | 21 15 51.96 | + 3.550 | - 28 38 40.7 | + 15.127 | I. |
| 399 | 10 | 21 16 48.24 | 3.585 | 30 30 53.9 | 15.181 | (406.) |
| 400 | 10 | 21 17 8.18 | 3.586 | 30 34 29.2 | 15.200 | (406.) |
| 401 | 10 | 21 17 29.41 | 3.529 | 27 48 40.7 | 15.220 | (411.) |
| 402 | 8 | 21 17 41.28 | 3.589 | 29 50 24.1 | 15.231 | (413.) |
| 403 | 9 | 21 17 42.16 | 3.530 | 27 53 2.1 | 15.232 | (411.) |
| 404 | 8. 9 | 21 17 50.05 | 3.565 | 29 39 20.7 | 15.239 | (411.) |
| 405 | 9 | 21 17 56.55 | 3.543 | 28 36 56.4 | 15.246 | (413.) |
| 406 | 8 | 21 18 31.77 | 3.601 | 31 29 42.3 | 15.279 | (406.) |
| 407 | 7. 8 | 21 18 43.91 | 3.537 | 28 22 20.2 | 15.291 | (413.) Ll. |
| 408 | 7. 8 | 21 19 34.57 | 3.512 | 27 11 17.1 | 15.339 | (404.) |
| 409 | 10 | 21 20 1.09 | 3.539 | 28 36 27.0 | 15.364 | (413.) |
| 410 | 8. 9 | 21 20 28.29 | 3.587 | 31 3 50.6 | 15.388 | (406.) |
| 411 | 9 | 21 21 32.49 | 3.553 | 29 29 31.4 | 15.449 | (413.) |
| 412 | 9. 10 | 21 22 10.68 | 3.548 | 29 22 59.5 | 15.485 | (413.) |
| 413 | 9 | 21 23 8.91 | 3.539 | 28 59 45.7 | 15.537 | II. |
| 414 | 10 | 21 24 6.41 | 3.572 | 30 48 4.6 | 15.590 | (406.) |
| 415 | 9. 10 | 21 24 6.84 | 3.530 | 28 40 31.5 | 15.591 | (413.) |
| 416 | 8. 9 | 21 24 41.66 | 3.526 | 28 32 55.1 | 15.623 | III. |
| 417 | 8. 9 | 21 25 12.50 | 3.567 | 30 45 21.7 | 15.649 | (406.) |
| 418 | 9 | 21 25 21.74 | 3.525 | 28 33 44.2 | 15.660 | IV. |
| 419 | 10 | 21 25 47.55 | 3.565 | 30 42 35.5 | 15.682 | (406.) |
| 420 | 9 | 21 26 18.97 | 3.517 | 28 16 34.0 | 15.711 | V. |
| 421 | 10 | 21 27 1.87 | 3.572 | 31 14 13.7 | 15.751 | (406.) |
| 422 | 8 | 21 27 52.84 | 3.573 | 31 23 36.3 | 15.796 | (406.) |
| 423 | 8 | 21 28 12.53 | 3.531 | 29 16 43.4 | 15.814 | (411.) Ll. |
| 424 | 10 | 21 28 31.84 | 3.572 | 31 25 56.1 | 15.832 | (406.) |

I. (411) +0.15 -1.7; (413) -0.15 +1.7. II. (411) +0.05 -3.7; (413) -0.05 +3.7. III. (411) -0.18 -0.8; (412) +0.17 -5.1; (413) 0.00 +5.8. IV. (411) +0.20 -6.7; (413) -0.19 +6.7. V. (411) -0.05 -2.3; (413) +0.05 +2.3.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 425 | 9. 10 | 21 28 37.12 | + 3.512 | - 28 17 44.1 | + 15.836 | I. |
| 426 | 8. 9 | 21 29 34.09 | 3.546 | 30 18 49.4 | 15.887 | (406.) |
| 427 | 8 | 21 29 46.07 | 3.514 | 28 33 56.8 | 15.898 | II. Ll. |
| 428 | 7. 8 | 21 30 22.67 | 3.503 | 27 58 34.6 | 15.930 | III. Ll. |
| 429 | 7. 8 | 21 30 28.97 | 3.558 | 30 58 47.0 | 15.935 | (406.) |
| 430 | 9. 10 | 21 32 0.15 | 3.543 | 30 26 9.9 | 16.017 | (406.) |
| 431 | 10 | 21 33 7.56 | 3.570 | 32 — — | 16.075 | (406.) |
| 432 | 8 | 21 33 21.46 | 3.500 | 28 21 58.2 | 16.087 | IV. |
| 433 | 8 | 21 34 39.69 | 3.563 | 31 55 50.4 | 16.156 | (406.) |
| 434 | 9 | 21 35 16.99 | 3.499 | 28 34 17.2 | 16.188 | V. |
| 435 | 8 | 21 36 47.64 | 3.511 | 29 24 33.4 | 16.265 | (413.) |
| 436 | 9 | 21 37 3.60 | 3.471 | 27 10 33.4 | 16.280 | (404.) |
| 437 | 7 | 21 39 0.00 | 3.488 | 28 26 26.1 | 16.378 | (413.) Ll. |
| 438 | 9 | 21 39 19.72 | 3.478 | 27 53 34.0 | 16.395 | (413.) |
| 439 | 8 | 21 42 52.53 | 3.472 | 28 5 46.3 | 16.571 | (413.) Ll. |
| 440 | 8. 9 | 21 43 12.46 | 3.522 | 31 1 10.9 | 16.587 | (406.) |
| 441 | 8 | 21 43 59.75 | 3.468 | 28 0 54.5 | 19.619 | (413.) Ll. |
| 442 | 10 | 21 44 46.87 | 3.517 | 31 1 5.7 | 16.664 | (406.) |
| 443 | 8 | 21 44 58.85 | 3.488 | 29 21 50.9 | 16.674 | (413.) Ll. |
| 444 | 10 | 21 45 16.18 | 3.474 | 28 28 11.4 | 16.688 | (411.) |
| 445 | 9. 10 | 21 45 52.12 | 3.471 | 28 30 25.5 | 16.717 | (413.) |
| 446 | 9 | 21 46 38.18 | 3.507 | 30 44 35.5 | 16.753 | (406.) |
| 447 | 9 | 21 46 48.02 | 3.461 | 28 3 35.8 | 16.761 | VI. |
| 448 | 9 | 21 46 58.77 | 3.501 | 30 24 28.2 | 16.770 | (406.) |
| 449 | 10 | 21 47 42.76 | 3.457 | 27 59 53.6 | 16.805 | (411.) |
| 450 | 7. 8 | 21 48 7.53 | 3.483 | 29 31 33.3 | 16.825 | (413.) |
| 451 | 8 | 21 48 19.29 | 3.473 | 28 55 12.8 | 16.834 | VII. Ll. |

I. (411) +0.19 -1.3; (413) -0.18 +1.3. II. (411) +0.18 -3.8; (413) -0.18 +3.7. III. (411) +0.08 -1.4; (412) +0.09 -3.9; (413) -0.17 +5.2. IV. (411) 0.00 -2.8; (413) 0.00 +2.8. V. (411) +0.17 -1.8; (413) -0.16 +1.7. VI. (411) -0.29 -4.9; (413) +0.29 +4.8. VII. (411) -0.02 -3.7; (413) +0.03 +3.6.

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| 452 | 8 | 21 48 28.44 | + 3.443 | - 27 11 15.5 | + 16 840 | (404.) |
| 453 | 10 | 21 49 46.96 | 3.493 | 30 27 10.0 | 16 904 | (406.) |
| 454 | 7 | 21 50 51.22 | 3.478 | 29 46 9.7 | 16.953 | (413.) |
| 455 | 7 | 21 50 58.19 | 3.455 | 28 20 44.9 | 16.958 | (411.) |
| 456 | 10 | 21 51 2.41 | 3.494 | 30 41 54.3 | 16.962 | (406.) |
| 457 | 8 | 21 51 9.96 | 3.471 | 29 19 57.8 | 16.968 | (413.) Ll. R. |
| 458 | 8 | 21 51 25.64 | 3.451 | 28 9 1.8 | 16.980 | (411.) |
| 459 | 10 | 21 51 36.72 | 3.449 | 28 0 57.6 | 16.989 | (411.) |
| 460 | 5 | 21 52 12.31 | 3.466 | 29 10 13.1 | 17.017 | (413.) Ll R. |
| 461 | 9 | 21 52 19.51 | 3 434 | 27 14 29.9 | 17.022 | (404.) |
| 462 | 9 | 21 52 53.52 | 3.454 | 28 36 29.1 | 17.047 | (411.) |
| 463 | 10 | 21 54 0.05 | 3 497 | 31 25 59.4 | 17.099 | (406.) |
| 464 | 7 | 21 54 7.42 | 3.443 | 28 5 11.7 | 17.105 | I. Ll. |
| 465 | 7. 8 | 21 54 35.60. | 3.437 | 27 46 23.0 | 17.127 | (404.) |
| 466 | 7 | 21 55 44.41 | 3.478 | 30 38 32.9 | 17.178 | (406.) |
| 467 | 7 | 21 56 3.32 | 3 455 | 29 9 36.1 | 17.192 | II. Ll. |
| 468 | 5 | 21 56 4.38 | 3.429 | 27 32 49.2 | 17.193 | (404.) |
| 469 | 9 | 21 56 35.56 | 3.449 | 28 54 26.0 | 17.217 | III. |
| 470 | 10 | 21 56 51.98 | 3.466 | 30 6 11.9 | 17.229 | (406.) |
| 471 | 9 | 21 57 34.80 | 3.443 | 28 45 6.8 | 17.261 | IV. |
| 472 | 8 | 21 58 20.53 | 3.488 | 31 39 42.2 | 17.296 | (406.) |
| 473 | 9. 10 | 21 58 35.26 | 3.442 | 28 46 34 1 | 17.306 | V. |
| 474 | 8 | 21 59 7.76 | 3.440 | 28 47 12.3 | 17.330 | (411.) Ll. |
| 475 | 8 | 21 59 10.08 | 3.442 | 28 52 34.0 | 17.331 | (413.) Ll. |
| 476 | 9. 10 | 22 0 25.74 | 3.425 | 27 55 33.4 | 17.387 | VI. |
| 477 | 7. 8 | 22 1 26.16 | 3.438 | 29 1 35.7 | 17.430 | (413.) Ll. |
| 478 | 9 | 22 1 37.01 | 3.427 | 28 24 14.9 | 17.437 | (411.) |

I. (411) -0.03 -3.8; (413) +0.03 +3.8. II. (411) +0.21 -3.6; (413) -0.20 +3.6.
III. (411) +0.25 -3.5; (413) -0.25 +3.4. IV. (411) -0.01 -3.1; (413) +0.02 +3.1.
V. (411) -0.17 -4.2; (413) +0.17 +4.1. VI. (411) -0.07 -4.7; (413) +0.07 +4.7.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 479 | 7. 8 | 22 2 56.45 | + 3.416 | - 27 53 15.7 | + 17.495 | I. Ll. |
| 480 | 7. 8 | 22 4 7.25 | 3.413 | 27 49 22.3 | 17.544 | II. Ll. |
| 481 | 8 | 22 4 36.24 | 3.401 | 27 13 6.6 | 17.565 | (404.) |
| 482 | 9 | 22 5 8.94 | 3.415 | 28 11 52.0 | 17.587 | III. |
| 483 | 6 | 22 5 47.78 | 3.417 | 28 30 25.6 | 17.615 | IV. Ll. |
| 484 | 10 | 22 6 13.56 | 3.415 | 28 26 56.2 | 17.633 | (411.) |
| 485 | 7 | 22 8 48.29 | 3.406 | 28 7 59.7 | 17.739 | V. Ll. |
| 486 | 10 | 22 9 56.46 | 3.399 | 28 2 34.3 | 17.786 | (411.) |
| 487 | 9 | 22 10 5.11 | 3.411 | 28 52 1.7 | 17.792 | (411.) Ll. |
| 488 | 7. 8 | 22 10 50.63 | 3.409 | 28 57 33.1 | 17.823 | (411.) Ll. |
| 489 | 8 | 22 11 20.34 | 3.397 | 28 8 19.4 | 17.842 | (413.) |
| 490 | 10 | 22 12 12.58 | 3.406 | 28 58 58.5 | 17.878 | (411.) |
| 491 | 8 | 22 13 8.16 | 3.411 | 29 31 31.7 | 17.913 | VI. |
| 492 | 9 | 22 14 7.27 | 3.390 | 28 10 26.4 | 17.951 | VII. |
| 493 | 9 | 22 14 26.71 | 3.410 | 29 44 46.8 | 17.964 | (413.) |
| 494 | 9 | 22 15 3.75 | 3.392 | 28 38 36.7 | 17.988 | (411.) |
| 495 | 9 | 22 15 44.84 | 3.401 | 29 25 45.5 | 18.015 | (413.) |
| 496 | 9 | 22 17 27.56 | 3.397 | 29 28 45.2 | 18.081 | (413.) |
| 497 | 9 | 22 17 44.62 | 3.378 | 28 6 8.7 | 18.091 | (411.) |
| 498 | 9 | 22 18 56.26 | 3.384 | 28 47 39.8 | 18.130 | VIII. |
| 499 | 8 | 22 19 47.32 | 3.371 | 27 58 11.2 | 18.167 | IX. |
| 500 | 9 | 22 21 0.30 | 3.367 | 27 55 19.3 | 18.212 | X. Ll. |
| 501 | 7 | 22 21 21.79 | 3.366 | 27 52 20.2 | 18 225 | XI. Ll. |
| 502 | 9 | 22 24 11.37 | 3.365 | 28 28 50.1 | 18.327 | (413.) |
| 503 | 8 | 22 24 35.50 | 3.379 | 29 45 12.1 | 18.341 | (411.) |
| 504 | 9 | 22 25 1.77 | 3.368 | 28 55 1.3 | 18.356 | (413.) |

I. (404) +0.01 -3.1; (411) +0.03 -1.7; (413) -0.04 +4.8. II. (411) +0.02 +2.0; (404) +0.33 -5.5; (413) -0.36 +3.5. III. (411) +0.20 -2.3; (413) -0.19 +2.2. IV. (411) +0.11 +4.3; (413) -0.11 -4.4. V. (411) +0.05 -3.2; (413) -0.04 +3.2. VI. (411) -0.12 -2.5; (413) +0.13 +2.4. VII. (411) +0.23 -4.7; (413) -0.22 +4.7. VIII. (411) -0.05 -6.1; (413) +0.06 +6.1. IX. (411) -0.09 -6.3; (413) +0.10 +6.2. X. (411) +0.06 -2.2; (413) -0.16 +2.2. XI. (411) +0.13 -2.4; (413) -0.12 +2.3.

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-27° -33°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 505 | 9 | 22 25 45.68 | + 3.359 | - 28 25 23.1 | + 18.382 | (413.) |
| 506 | 9 | 22 25 58.90 | 3.358 | 28 19 6.3 | 18.389 | (413.) |
| 507 | 9 | 22 26 33.48 | 3.370 | 29 34 5.0 | 18.409 | (411.) |
| 508 | 8. 9 | 22 26 44.09 | 3.354 | 28 14 37.0 | 18.415 | (413.) |
| 509 | 9 | 22 27 21.63 | 3.365 | 29 15 12.7 | 18.437 | (411.) |
| 510 | 10 | 22 27 53.31 | 3.361 | 29 5 16.0 | 18.456 | (411.) |
| 511 | 9. 10 | 22 27 56.78 | 3.347 | 27 55 42.6 | 18.458 | (413.) |
| 512 | 8 | 22 29 19.48 | 3.367 | 29 49 16.4 | 18.505 | I. |
| 513 | 7 | 22 30 23.30 | 3.359 | 29 31 33.9 | 18.541 | II. |
| 514 | 9. 10 | 22 30 28.58 | 3.354 | 29 3 6.3 | 18.544 | (411.) |
| 515 | 7. 8 | 22 31 22.37 | 3.351 | 29 6 13.0 | 18.573 | III. Ll. |
| 516 | 8 | 22 31 24.81 | 3.351 | 29 7 33.1 | 18.575 | IV. Ll. |
| 517 | 8 | 22 33 7.98 | 3.334 | 28 2 13.1 | 18.632 | V. Ll. |
| 518 | 8 | 22 34 0.14 | 3.333 | 28 9 55.9 | 18.659 | VI. Ll. |
| 519 | 8. 9 | 22 34 32.72 | 3.339 | 28 40 6.7 | 18.677 | VII. |
| 520 | 8 | 22 34 50.55 | 3.338 | 28 56 15.1 | 18.687 | (411.) |
| 521 | 9 | 22 35 40.12 | 3.326 | 27 59 11.5 | 18.712 | VIII. |
| 522 | 10 | 22 36 47.17 | 3.324 | 28 10 58.7 | 18.747 | (411.) |
| 523 | 10 | 22 36 47.65 | 3.323 | 28 4 43.9 | 18.748 | IX. |
| 524 | 8 | 22 39 7.69 | 3.318 | 28 10 18.7 | 18.820 | X. Ll. |
| 525 | 10 | 22 39 21.56 | 3.317 | 28 9 20.4 | 18.826 | XI. |
| 526 | 7 | 22 40 12.87 | 3.317 | 28 21 2.5 | 18.851 | XII. Ll. |
| 527 | 9. 10 | 22 42 38.90 | 3.306 | 28 4 34.1 | 18.922 | (413.) |
| 528 | 9. 10 | 22 44 13.63 | 3.310 | 28 57 25.8 | 18.969 | (413.) |
| 529 | 9 | 22 44 14.42 | 3.303 | 28 10 59.3 | 18.969 | (411.) |

I. (411) +0.13 -4.5; (413) -0.13 +4.4. II. (411) -0.01 -4.1; (413) +0.02 +4.0.
III. (411) +0.07 -2.1; (413) -0.06 +2.0. IV. (411) +0.07 -3.4; (413) -0.07 +3.3.
V. (411) +0.21 [-18.8]; (413) -0.20 0.0. VI. (411) -0.02 -2.7; (413) +0.03 +2.7.
VII. (411) +0.06 -2.1; (413) -0.05 +2.1. VIII. (411) +0.38 -1.4; (413) -0.37 -1.4.
IX. (411) -0.19 -3.2; (413) +0.20 +3.2. X. (411) +0.27 -2.7; (413) -0.27 +2.7.
XI. (411) +0.05 -0.7; (413) -0.05 +0.6. XII. (411) +0.17 -1.7; (413) -0.17 +1.7.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 530 | 8 | 22 45 1.90 | + 3.311 | - 29 12 39.0 | + 18.996 | I. |
| 531 | 10 | 22 46 41.01 | 3.299 | 28 38 51.1 | 19.037 | II. |
| 632 | 8. 9 | 22 47 48.95 | 3.298 | 28 49 17.3 | 19.068 | (413.) |
| 533 | 9 | 22 48 14.02 | 3.302 | 29 24 17.1 | 19.079 | (413.) |
| 534 | 8 | 22 49 30.31 | 3.293 | 28 45 59.5 | 19.113 | III. |
| 535 | 9 | 22 50 26.96 | 3.294 | 29 6 22.0 | 19.138 | (413.) |
| 536 | 8 | 22 50 27.50 | 3.292 | 28 57 7.0 | 19.138 | IV. |
| 537 | 9 | 22 52 1.65 | 3.285 | 28 43 30.5 | 19.179 | V. |
| 538 | 6 | 22 53 7.26 | 3.290 | 29 39 26.0 | 19.206 | (413.) |
| 539 | 9 | 22 53 12.92 | 3.282 | 28 48 46.6 | 19.208 | VI. |
| 540 | 8 | 22 55 37.55 | 3.275 | 29 2 40.8 | 19.277 | VII. |
| 541 | 7 | 22 56 42.60 | 3.263 | 27 56 45.2 | 19.295 | VIII. Ll. |
| 542 | 10 | 22 56 54.52 | 3.274 | 29 17 15.7 | 19.300 | (411.) |
| 543 | 9. 10 | 22 59 27.11 | 3.267 | 29 23 41.4 | 19.359 | (413.) |
| 544 | 6 | 23 0 13.40 | 3.262 | 29 38 — | 19.371 | (411.) |
| 545 | 9. 10 | 23 0 52.24 | 3.251 | 27 57 49.7 | 19.391 | (413.) |
| 546 | 6 | 23 1 37.81 | 3.255 | 28 54 0.9 | 19.407 | (411.) Ll. |
| 547 | 10 | 23 2 44.97 | 3.252 | 28 50 59.5 | 19.433 | (411.) |
| 548 | 8. 9 | 23 4 12.28 | 3.252 | 29 13 41.5 | 19.463 | (411.) |
| 549 | 8 | 23 5 17.43 | 3.248 | 29 16 30.2 | 19.486 | (411.) |
| 550 | 9. 10 | 23 6 22.90 | 3.236 | 27 51 48.2 | 19.509 | (411.) |
| 551 | 9. 10 | 23 7 39.82 | 3.230 | 27 49 45.6 | 19.534 | (411.) |
| 552 | 8 | 23 8 27.60 | 3.230 | 27 53 53.7 | 19.551 | (411.) |
| 553 | 6. 7 | 23 9 4.93 | 3.236 | 29 15 9.7 | 19.563 | (411.) Ll. |
| 554 | 9 | 23 10 25.80 | 3.233 | 29 17 40.3 | 19.588 | (411.) Ll. |
| 555 | 7. 8 | 23 11 0.42 | 3.229 | 29 12 28.9 | 19.599 | (411.) Ll. |
| 556 | 9 | 23 12 53.13 | 3.218 | 28 29 49.1 | 19.632 | (413.) |

I. (411) +0.08 -1.0; (413) -0.07 +1.0. II. (411) +0.50 -4.7; (413) -0.49 +4.6.
III. (411) +0.09 -2.1; (413) -0.08 +2.1. IV. (411) +0.05 -3.6; (413 -0.05 +3.6.
V. (411) +0.26 -5.0; (413) -0.25 +4.9. VI. (411) -0.26 -0.6; (413) +0.26 +0.6.
VII. (411) -0.02 -4.1; (413) +0.03 +4.1. VIII. (411) -0.01 -2.9; (413) +0.02 +2.9.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 557 | 6 | 23 13 15.47 | + 3.213 | - 27 48 31.1 | + 19.639 | (411.) Ll. |
| 558 | 8. 9 | 23 15 27.07 | 3.218 | 29 29 33.6 | 19.677 | (413.) |
| 559 | 8 | 23 15 42.74 | 3.215 | 29 24 18.2 | 19.681 | (413.) |
| 560 | 9. 10 | 23 16 42.15 | 3.206 | 28 32 52.6 | 19.698 | (413.) |
| 561 | 7 | 23 18 12.70 | 3.198 | 28 14 56.7 | 19.723 | (413.) Ll. |
| 562 | 7. 8 | 23 19 34.63 | 3.194 | 28 6 9.4 | 19.744 | (413.) Ll. |
| 563 | 8 | 23 21 8.76 | 3.196 | 29 5 17.7 | 19.767 | (413.) Ll. |
| 564 | 8. 9 | 23 21 19.48 | 3.192 | 28 25 21.7 | 19.770 | (413.) |
| 565 | 9 | 23 22 51.91 | 3.185 | 28 7 14.1 | 19.792 | (413.) |
| 566 | 9. 10 | 23 24 4.32 | 3.181 | 27 57 58.0 | 19.808 | (413.) |
| 567 | 10 | 23 25 19.08 | 3.185 | 29 30 9.5 | 19.825 | (413.) |
| 568 | 9 | 23 26 56.12 | 3.175 | 28 32 31.6 | 19.846 | (413.) |
| 569 | 7 | 23 27 44.60 | 3.171 | 28 18 46.7 | 19.856 | (413.) Ll. |
| 570 | 9 .10 | 23 30 9.04 | 3.169 | 29 35 18.9 | 19.885 | (413.) |
| 571 | 9 | 23 30 56.71 | 3.164 | 29 5 49.7 | 19.893 | (413.) |
| 572 | 8. 9 | 23 32 21.87 | 3.161 | 29 11 12.3 | 19.909 | (413.) |
| 573 | 9 | 23 32 24.85 | 3.162 | 29 44 15.4 | 19.909 | (413.) |
| 574 | 8. 9 | 23 34 24.91 | 3.152 | 28 28 10.3 | 19.930 | (413.) Ll. |
| 575 | 9 | 23 34 44.87 | 3.151 | 29 0 49.3 | 19.933 | (413.) |
| 576 | 10 | 23 36 16.81 | 3.143 | 29 1 48.0 | 19.948 | (413.) |
| 577 | 9. 10 | 23 38 57.85 | 3.140 | 29 36 7.4 | 19.971 | (413.) |
| 578 | 9. 10 | 23 40 30.83 | 3.133 | 28 43 40.5 | 19.982 | (413.) Ll. |
| 579 | 9 | 23 44 7.14 | 3.123 | 29 9 41.8 | 20.007 | (413.) |
| 580 | 10 | 23 46 16.99 | 3.116 | 29 19 19.4 | 20.019 | (413.) |
| 581 | 8 | 23 46 35.45 | 3.112 | 27 52 38.8 | 20.021 | (413.) Ll. |
| 582 | 9 | 23 49 45.64 | 3.103 | 28 52 28.0 | 20.036 | (413.) |
| 583 | 9 | 23 51 6.76 | 3.099 | 28 36 32.6 | 20.040 | (413.) Ll. |
| 584 | 9. 10 | 23 52 14.51 | 3.095 | 28 32 31.5 | 20.042 | (413.) |
| 585 | 8. 9 | 23 53 1.32 | 3.093 | 28 44 33.9 | 20.045 | (413.) |
| 586 | 8 | 23 53 39.48 | 3.092 | 29 33 31.5 | 20.047 | (413.) |
| 587 | 9. 10 | 23 54 41.51 | 3.088 | 29 24 16.0 | 20.049 | (413.) |



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 588 | 9 | 23 55 55.38 | + 3.084 | -29 15 8.8 | + 20.052 | (413.) Ll. |
| 589 | 9 | 23 56 10.96 | 3.083 | 29 13 43.9 | 20.052 | (413.) Ll. |
| 590 | 10 | 23 57 33.71 | 3.078 | 28 6 18.2 | 20.054 | (413.) |
| 591 | 9. 10 | 23 59 37.03 | 3.072 | 28 14 0.4 | 20.055 | (413.) |

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# Nachtrag I,

## enthaltend 918 seit 1865 beobachtete und in den bisher gedruckten Sternverzeichnissen nicht vorkommende Zonensterne.

-3° +3°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| | | | | -3° bis +3° | | Suppl.-Bd. V. |
| 1 | 9 | 16 57 35.94 | + 3.004 | + 2 56 43.6 | - 5.397 | (877.) |
| 2 | 8. 9 | 17 2 14.71 | 3.062 | 0 25 49.7 | 5.002 | (878.) |
| 3 | 8 | 17 2 39.07 | 3.009 | 2 41 18.4 | 4.966 | (877.) B. S. |
| 4 | 9 | 17 19 18.84 | 3.014 | + 2 27 26.2 | 3.531 | (877.) |
| 5 | 8. 9 | 17 25 0.99 | 3.086 | - 0 30 39.1 | 3.049 | (878.) |
| 6 | 8. 9 | 17 28 32.31 | 3.059 | + 0 31 48.9 | 2.754 | (878.) |
| 7 | 8. 9 | 17 39 53.69 | 3.040 | 1 20 57.8 | - 1.758 | (878.) |
| 8 | 9 | 18 25 12.70 | 3.025 | 1 57 3.0 | + 2.202 | (880.) S. |
| 9 | 8 | 18 32 0.95 | 3.010 | 2 36 42.2 | 2.791 | (880.) |
| 10 | 9. 10 | 18 33 20.94 | 3.029 | 1 47 29.8 | 2.908 | (880.) |
| 11 | 9 | 18 50 9.20 | 3.013 | 2 30 28.2 | 4.355 | (830.) B. S. |
| 12 | 9 | 19 10 2.32 | 3.023 | 2 9 9.8 | 6.034 | (880.) |
| 13 | 8 | 19 10 59.47 | 3.015 | 2 31 9.0 | 6.113 | (880.) B. |
| 14 | 8 | 19 18 3.58 | 3.006 | 2 55 6.1 | 6.698 | (880.) B. |
| 15 | 6 | 19 27 53.00 | 3.014 | 2 35 13.6 | 7.503 | (880.) Ll. B. |
| 16 | 8 | 19 49 19.27 | 3.020 | 2 28 0.9 | 9.208 | (862.) Ll. B. S. |
| 17 | 7 | 19 50 9.25 | 3.017 | 2 35 29.5 | 9.272 | (862.) B. |
| 18 | 8 | 20 13 50.47 | 3.013 | 2 56 5.5 | 11.058 | (862.) |
| 19 | 7. 8 | 20 22 23.77 | 3.016 | 2 53 3.3 | 11.674 | (862.) |
| 20 | 6 | 20 37 36.77 | 3.021 | 2 44 12.7 | 12.738 | (862.) B. |
| 21 | 6 | 20 37 54.61 | 3.022 | 2 37 59.1 | 12.751 | (862.) B. S. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| | | | | +3° bis +9° | | Sppl.-Bd. VIII. |
| 22 | 7 | 10 37 43.51 | + 3.139 | + 8 18 5.1 | - 18.776 | (805.) B. S. |
| 23 | 9. 10 | 10 44 20.58 | 3.133 | 8 15 30.9 | 18.971 | (805.) } Doppelst |
| 24 | 7. 8 | 10 44 21.37 | 3.133 | 8 15 24.9 | 18.971 | (805.) } |
| 25 | 9 | 10 44 41.22 | 3.133 | 8 17 9.1 | 18.982 | (805.) |
| 26 | 7 | 10 46 58.36 | 3.119 | 6 39 — | 19.045 | (805.) B. |
| 27 | 4 | 10 52 58.10 | 3.116 | 6 44 21.8 | 19.201 | (805.) |
| 28 | 9 | 10 53 7.52 | 3.116 | 6 46 31.5 | 19.207 | (805.) Ll. B. |
| 29 | 7 | 10 55 53.18 | 3.124 | 8 23 19.8 | 19.275 | (805.) Ll. B. S. |
| 30 | 9. 10 | 10 56 20.69 | 3.113 | 6 39 — | 19.286 | (805.) B. |
| 31 | 8 | 10 59 47.77 | 3.111 | 6 41 — | 19.366 | (805.) Ll. B. S. |
| 32 | 10 | 11 2 43.12 | 3.121 | 8 42 — | 19.432 | (806.) Ll. B. R. |
| 33 | 9 | 11 11 58.09 | 3.105 | 7 1 4.2 | 19.615 | (805.) B. |
| 34 | 9. 10 | 11 15 40.02 | 3.103 | 7 10 4.6 | 19.680 | (805.) Ll. B. |
| 35 | 9 | 11 15 42.79 | 3.102 | 6 57 22.0 | 19.681 | (805.) Ll. B. R. |
| 36 | 9 | 11 17 40.63 | 3.109 | 8 55 29.1 | 19.714 | (806.) B. R, |
| 37 | 7 | 11 24 55.69 | 3.102 | 8 41 24.6 | 19.820 | (805.) |
| 38 | 7 | 11 25 23.34 | 3.100 | 8 14 20.3 | 19.826 | I. Ll. B. |
| 39 | 9. 10 | 11 25 33.59 | 3.098 | 7 54 37.6 | 19.827 | (805.) |
| 40 | 9 | 11 27 13.76 | 3.094 | 7 6 27.8 | 19.850 | (805.) Ll. B. |
| 41 | 9 | 11 27 49.29 | 3.094 | 7 21 10.6 | 19.857 | (805.) Ll. B. |
| 42 | 7 | 11 28 12.56 | 3.095 | 7 35 51.1 | 19.862 | II. Ll. B. |
| 43 | 10 | 11 28 21.30 | 3.097 | 8 10 37.3 | 19.863 | (816.) B. |
| 44 | 7 | 11 28 51.56 | 3.092 | 6 56 25.7 | 19.869 | (805.) B. R. S. |
| 45 | 7 | 11 29 34.44 | 3.092 | 7 5 59.9 | 19.879 | III. Ll. B. R. S. |
| 46 | 6 | 11 30 43.56 | 3.097 | 8 57 54.9 | 19.891 | IV. Ll. B. R. |
| 47 | 7 | 11 30 49.26 | 3.092 | 7 19 52.7 | 19.892 | (864.) Ll. |

I. (805) +0.06 -1.8; (864) -0.05 +1.8. II. (805) +0.13 -0.8; (864) -0.12 +0.9. III. (805) 0.00 +1.4; (864) +0.01 -1.4. IV. (806) -0.11 0.0; (807) +0.01 -4.9; (816) +0.11 +4.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 48 | 6. 7 | 11 34 44.91 | + 3.087 | + 6 20 14.9 | - 19.934 | (864.) S. |
| 49 | 3 | 11 38 9.00 | 3.087 | 7 22 9.1 | 19.964 | I. Ll. B. R. S. |
| 50 | 6 | 11 38 23.42 | 3.088 | 8 0 27.8 | 19.966 | II. Ll. B. |
| 51 | 8 | 11 39 55.28 | 3.084 | 6 43 25.7 | 19.977 | (864.) B. |
| 52 | 8. 9 | 11 40 56.35 | 3.086 | 7 43 19.4 | 19.985 | III. |
| 53 | 8 | 11 42 2.33 | 3.083 | 7 40 46.4 | 19.993 | IV. B. R. |
| 54 | 7. 8 | 11 43 6.78 | 3.083 | 7 10 51.1 | 20.000 | (805.) Ll. S. |
| 55 | 8 | 11 43 52.05 | 3.083 | 7 42 36.8 | 20.005 | V. Ll. B. |
| 56 | 9. 10 | 11 43 57.53 | 3.083 | 7 48 44.9 | 20.006 | (805.) Ll. B. |
| 57 | 9 | 11 45 4.40 | 3.083 | 8 26 27.4 | 20.012 | VI. Ll. B. |
| 58 | 8. 9 | 11 47 53.65 | 3.080 | 7 41 53.3 | 20.027 | (864.) |
| 59 | 8. 9 | 11 48 50.16 | 3.080 | 8 8 0.3 | 20.031 | (864.) B. S. |
| 60 | 7 | 11 50 3.87 | 3.079 | 7 48 42.4 | 20.036 | VII. Ll. B. R. |
| 61 | 8 | 11 51 13.47 | 3.078 | 7 47 39.9 | 20.040 | (816.) |
| 62 | 9 | 11 51 25.57 | 3.077 | 6 50 53.9 | 20.040 | (864.) B. S. |
| 63 | 8. 9 | 11 52 44.51 | 3.078 | 7 20 22.1 | 20.044 | (805.) Ll. B. |
| 64 | 8 | 11 53 21.05 | 3.076 | 7 46 17.6 | 20.046 | VIII. B. |
| 65 | 7 | 11 54 54.18 | 3.075 | 8 54 — | 20.050 | (808.) Ll. B. S. |
| 66 | 9 | 11 56 27.59 | 3.074 | 8 1 8.7 | 20.052 | (864.) B. |
| 67 | 9 | 12 0 2.24 | 3.071 | 7 36 11.5 | 20.055 | (817.) B. |
| 68 | 9 | 12 3 28.02 | 3.068 | 7 30 49.1 | 20.052 | IX. B. S. |
| 69 | 9 | 12 3 51.59 | 3.067 | 8 12 15.9 | 20.052 | X. Ll. S. |
| 70 | 9. 10 | 12 4 10.72 | 3.068 | 7 46 15.8 | 20.052 | (864.) |
| 71 | 8 | 12 4 43.15 | 3.067 | 6 54 2.6 | 20.051 | XI. Ll. B. |
| 72 | 9. 10 | 12 6 23.09 | 3.066 | 8 48 26.8 | 20.047 | XII. B. |

I. (805) 0.00 +2.0; (864) +0.01 -2.0. II. (805) +0.02 +2.1; (877) -0.01 -2.1. III. (805) -0.02 +1.9; (864) +0.02 -1.9. IV. (805) -0.02 +1.9; (817) -0.06 -2.1; (864) +0.07 +0.2. V. (805) -0.02 +3.8; (816) +0.06 +1.2; (817) -0.04 -5.1. VI. (817) -0.03 -2.3; (864) +0.04 +2.3. VII. (805) +0.01 +2.8; (817) -0.08 -3.8; (864) +0.06 +1.1. VIII. (817) -0.04 +0.1; (864) +0.04 0.0. IX. (817) -0 01 -1.8; (864) +0.01 +1.8. X. (805) -0.03 +0.4; (817) +0.06 -0.4 XI. (805) -0.11 +2.3; (808) +0.11 -2.2. XII. (805) +0.03 +1.4; (817) -0.03 -1.4.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 73 | 8 | 12 7 24.52 | + 3.064 | +8 21 56.5 | - 20.044 | I. B. S. |
| 74 | 9. 10 | 12 8 11.37 | 3.064 | 8 16 48.4 | 20.042 | (864.) B. |
| 75 | 8 | 12 8 48.17 | 3.063 | 8 11 17.5 | 20.039 | II. Ll. B. |
| 76 | 9 | 12 10 4.31 | 3.062 | 8 29 53.9 | 20.036 | III. B. |
| 77 | 9 | 12 11 33.23 | 3.062 | 7 50 20.9 | 20.030 | IV. B. |
| 78 | 7 | 12 12 8.08 | 3.062 | 6 52 28.3 | 20.027 | (805.) B. S. |
| 79 | 9 | 12 12 35.01 | 3.062 | 7 1 48.0 | 20.024 | V. B. |
| 80 | 9 | 12 13 16.49 | 3.061 | 7 24 17.4 | 20.020 | VI. B. S. |
| 81 | 9. 10 | 12 13 50.78 | 3.058 | 8 39 9.5 | 20.018 | VII. B. S. |
| 82 | 9 | 12 14 30.11 | 3.058 | 8 24 10.8 | 20.015 | VIII. B. |
| 83 | 8. 9 | 12 14 52.23 | 3.057 | 8 52 56.9 | 20.013 | IX. B. |
| 84 | 9 | 12 15 0.46 | 3.059 | 7 18 6.9 | 20.012 | (805.) |
| 85 | 9 | 12 15 26.90 | 3.058 | 7 40 34.8 | 20.009 | (864.) B. |
| 86 | 7. 8 | 12 17 13.83 | 3.058 | 7 11 44.9 | 19.997 | (864.) B. |
| 87 | 9. 10 | 12 17 44.81 | 3.058 | 6 44 23.9 | 19.993 | (864.) B. |
| 88 | 7 | 12 19 41.69 | 3.054 | 8. 4 18.1 | 19.981 | (864.) Ll. B. S. |
| 89 | 7 | 12 19 43.95 | 3.054 | 7 58 45.1 | 19.980 | (864.) Ll. B. |
| 90 | 9 | 12 19 49.10 | 3.054 | 8 12 47.0 | 19.979 | (808.) Ll. B. |
| 91 | 10 | 12 20 24.66 | 3.052 | 8 46 5.4 | 19.975 | (817.) |
| 92 | 8 | 12 20 31.45 | 3.054 | 7 55 25.9 | 19.974 | (864.) Ll. B. |
| 93 | 9 | 12 21 55.49 | 3.055 | 7 4 9.7 | 19.963 | (808.) B. |
| 94 | 9 | 12 25 39.42 | 3.053 | 6 36 38.6 | 19.930 | (864.) B. |
| 95 | 7 | 12 26 53.27 | 3.047 | 8 33 47.7 | 19.917 | (817.) Ll. B. S. |
| 96 | 9 | 12 31 46.32 | 3.043 | 8 23 56.1 | 19.861 | X. B. S. |
| 97 | 9. 10 | 12 32 15.48 | 3.048 | 6 42 — | 19.856 | (808.) B. |

I. (805) -0.09 +0.1; (864) +0.09 -0.1. II. (805) -0.08 -0.4; (808) +0.05 -0.9; (817) -0.02 -0.2; (864) +0.07 +1.7. III. (805) 0.00 +2.8; (817) 0.00 -2.7. IV. (808) +0.05 -0.4; (817) +0.01 -0.8; (864) -0.06 +1.3. V. (805) -0.04 +0.7; (864) +0.05 -0.6. VI. (805) -0.01 +2.2; (808) +0.02 -2.0; (864) -0.01 -0.4. VII. (805) +0.04 +2.4; (817) +0.06 -3.0; (863) -0.09 +0.7. VIII. (805) -0.10 -0.8; (864) +0.10 +0.8. IX. (808) +0.12 -0.8; (863) -0.12 +0.9. X. (817) +0.10 -0.8; (863) -0.09 +0.8.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 98 | 8 | 12 32 58.96 | + 3.042 | +8 31 27.5 | - 19.847 | (817.) Ll. B. |
| 99 | 9 | 12 34 1.07 | 3.041 | 8 36 27.6 | 19.634 | (817.) B. |
| 100 | 9 | 12 36 49.72 | 3.037 | 8 49 13.5 | 19.796 | I. B. |
| 101 | 6. 7 | 12 39 25.47 | 3.044 | 6 46 23.2 | 19.758 | (808.) Ll. B. R. |
| 102 | 9 | 12 41 7.20 | 3.038 | 7 43 33.1 | 19.733 | II. B. |
| 103 | 9 | 12 43 0.80 | 3.031 | 8 54 43.6 | 19.703 | (807.) Ll. B. |
| 104 | 8 | 12 43 15.84 | 3.031 | 8 55 18.8 | 19.699 | (807.) Ll. B. |
| 105 | 7. 8 | 12 44 20.23 | 3.031 | 8 43 21.2 | 19.680 | III. Ll. B. S. |
| 106 | 9. 10 | 12 47 20.48 | 3.032 | 8 5 27.4 | 19.626 | (817.) |
| 107 | 9 | 12 52 54.07 | 3.022 | 8 59 39.0 | 19.522 | (817.) |
| 108 | 9 | 12 54 43.97 | 3.026 | 8 4 17.6 | 19.486 | (817.) |
| 109 | 9 | 13 9 19.04 | 3.008 | 8 55 45.4 | 19.145 | (807.) |
| 110 | 6 | 13 12 59.27 | 3.037 | 5 36 58.6 | 19.047 | (865.) Ll. B. |
| 111 | 8 | 13 22 29.19 | 3.020 | 6 6 38.7 | 18.770 | (865.) |
| 112 | 7 | 13 26 15.73 | 3.020 | 4 42 6.6 | 18.651 | (865.) Ll. B. |
| 113 | 8 | 13 26 23.62 | 3.020 | 4 41 33.5 | 18.647 | (865.) Ll. B. |
| 114 | 7. 8 | 13 27 34.11 | 3.015 | 6 20 35.2 | 18.608 | (865.) |
| 115 | 8 | 13 29 54.02 | 3.015 | 6 12 46.5 | 18.530 | (865.) |
| 116 | 7. 8 | 13 31 11.20 | 3.015 | 6 4 56.7 | 18.488 | (365.) |
| 117 | 7 | 14 46 11.87 | 2.940 | 8 18 22.8 | 15.009 | (853.) Ll. B. |
| 118 | 9 | 15 27 2.25 | 2.940 | 7 5 51.2 | 12.414 | (853.) |
| 119 | 8 | 15 29 9.00 | 2.927 | 7 43 16.1 | 12.267 | (853.) B. |
| 120 | 8 | 15 47 2.50 | 2.943 | 6 31 3.3 | 10.995 | (853.) |
| 121 | 8. 9 | 16 20 42.23 | 2.907 | 7 39 16.0 | 8.417 | (855.) |
| 122 | 6 | 16 22 29.82 | 2.936 | 6 18 12.0 | 8.278 | IV. B. |
| 123 | 8. 9 | 16 22 30.41 | 2.888 | 8 31 48.0 | 8.276 | (854.) B. |
| 124 | 8. 9 | 16 28 7.05 | 2.877 | 8 57 — | 7.825 | (873.) B. |
| 125 | 7 | 16 31 46.09 | 2.984 | 4 0 15.4 | 7.532 | (841.) |

I. (807) +0.05 +1.2; (817) 0.00 -1.9; (863) -0.05 +0.7. II. (808) -0.02 +0.2; (817) +0.03 -0.1. III. (808) -0.03 -1.1; (817) +0.04 +1.1. IV. (842) +0.04 -3.7; (855) -0.04 +3.7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 126 | 8 | 16 32 8.54 | + 2.879 | +8 46 18.4 | - 7.492 | I. |
| 127 | 8 | 16 36 16.89 | 2.919 | 6 54 32.7 | 7.165 | II. B. S. |
| 128 | 8 | 16 36 36.72 | 2.875 | 8 52 15.2 | 7.137 | (854.) |
| 129 | 8 | 16 43 52.97 | 2.879 | 8 37 11.5 | 6.539 | (854.) |
| 130 | 8 | 16 46 7.39 | 2.885 | 8 20 53.8 | 6.353 | (855.) |
| 131 | 9 | 16 48 34.83 | 2.913 | 7 4 29.2 | 6.151 | (875.) |
| 132 | 8 | 16 49 5.75 | 2.869 | 8 59 41.7 | 6.106 | III. B. |
| 133 | 6 | 16 49 32.62 | 2.920 | 6 44 29.4 | 6.072 | IV. Ll. B. |
| 134 | 8 | 16 49 37.06 | 2.984 | 3 58 17.8 | 6.060 | (841.) |
| 135 | 7. 8 | 16 54 41.13 | 2.893 | 7 52 52.7 | 5.639 | (843.) B. S. |
| 136 | 9 | 16 58 25.40 | 2.926 | 6 22 52.5 | 5.316 | (875.) |
| 137 | 8 | 16 59 29.15 | 2.902 | 7 27 23.1 | 5.232 | (856.) R. |
| 136 | 8 | 16 59 51.82 | 2.944 | 5 35 23.0 | 5.202 | (875.) B. S. |
| 139 | 9 | 17 4 42.66 | 2.949 | 5 19 51.7 | 4.792 | (876.) |
| 140 | 9 | 17 5 5.13 | 2.878 | 8 26 31.7 | 4.733 | (874.) |
| 141 | 9 | 17 5 5.58 | 2.902 | 7 25 37.6 | 4.733 | (856.) R. |
| 142 | 7. 8 | 17 5 13.46 | 2.955 | 5 5 33.9 | 4.747 | (876.) B. |
| 143 | 8. 9 | 17 5 16.46 | 2.953 | 5 9 8.8 | 4.745 | (876.) |
| 144 | 7. 8 | 17 5 30.49 | 2.928 | 6 13 51.7 | 4.725 | (842.) B. |
| 145 | 7 | 17 5 56.10 | 2.951 | 5 15 56.5 | 4.687 | (876.) |
| 146 | 7. 8 | 17 6 22.80 | 2.934 | 5 59 23.3 | 4.642 | V. B. |
| 147 | 6 | 17 6 34.70 | 2.955 | 5 6 1.5 | 4.630 | (876.) Ll. B. |
| 148 | 7 | 17 7 37.95 | 2.949 | 5 22 14.6 | 4.544 | (875.) |
| 149 | 8 | 17 7 47.13 | 2.934 | 5 58 17.1 | 4.530 | (875.) |
| 150 | 8. 9 | 17 7 47.00 | 2.966 | 4 36 33.1 | 4.530 | (876.) |
| 151 | 8. 9 | 17 8 1.61 | 2.968 | 4 31 4.7 | 4.510 | (876.) |
| 152 | 9 | 17 8 16.48 | 2.934 | 5 58 43.2 | 4.489 | (875.) |
| 153 | 6 | 17 8 24.63 | 2.921 | 6 33 9.0 | 4.476 | (842.) Ll. |

I. (854) -0.01 +1.2; (874) +0.01 -1.1. II. (842) +0.04 -1.3; (875) -0.04 +1.3. III. (854) +0.05 0.0; (873) -0.04 —. IV. (855) +0.03 +1.3; (856) -0.02 +0.4; (875) 0.00 -1.7. V. (842) +0.01 +0.5; (875) 0.00 -0.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 154 | 7. 8 | 17 8 24.74 | + 2.957 | + 4 58 3.0 | - 4.476 | (841.) B. |
| 155 | 7 | 17 8 32.91 | 2.910 | 7 0 58.0 | 4.462 | I. S. |
| 156 | 7 | 17 9 4.73 | 2.957 | 4 58 39.9 | 4.422 | (841.) B. |
| 157 | 8. 9 | 17 9 33.56 | 2.894 | 7 41 8.1 | 4.373 | II. |
| 158 | 6. 7 | 17 9 42.17 | 2.983 | 3 51 26.7 | 4.367 | (876.) Ll. B. |
| 159 | 8. 9 | 17 9 50.59 | 2.896 | 7 35 54.9 | 4.354 | (843.) |
| 160 | 8. 9 | 17 10 0.83 | 2.887 | 8 0 8.6 | 4.341 | (874.) |
| 161 | 6. 7 | 17 10 16.24 | 2.912 | 6 55 42.2 | 4.318 | (856.) Ll. B. S. |
| 162 | 5 | 17 10 35.27 | 2.995 | 3 18 38.8 | 4.291 | III. Ll. |
| 163 | 9. 10 | 17 11 37.08 | 2.984 | 3 47 5.1 | 4.203 | (876.) |
| 164 | 7. 8 | 17 12 15.75 | 2.911 | 6 56 30.6 | 4.148 | (875.) B. S. |
| 165 | 8. 9 | 17 12 18.59 | 2.887 | 7 58 53.4 | 4.144 | (874.) |
| 166 | 8. 9 | 17 13 57.40 | 2.964 | 4 38 28.2 | 4.003 | (841.) |
| 167 | 8. 9 | 17 14 39.86 | 2.916 | 6 42 12.5 | 3.941 | (842.) B. R. |
| 168 | 8 | 17 15 44.60 | 2.978 | 4 1 50.7 | 3.851 | (841.) Ll. B. |
| 169 | 8. 9 | 17 16 31.61 | 2.928 | 6 13 18.3 | 3.782 | (842.) B. |
| 170 | 8. 9 | 17 16 52.44 | 2.879 | 8 18 5.4 | 3.752 | (843.) B. |
| 171 | 7. 8 | 17 17 37.92 | 2.895 | 7 35 22.4 | 3.684 | (874.) |
| 172 | 9 | 17 19 39.49 | 2.985 | 3 42 15.0 | 3.506 | (876.) |
| 173 | 8. 9 | 17 22 44.12 | 2.962 | 4 42 34.0 | 3.246 | (876.) |
| 174 | 8. 9 | 17 24 36.88 | 2.946 | 5 24 55.6 | 3.083 | (875.) |
| 175 | 8 | 17 25 36.86 | 2.992 | 3 23 50.3 | 2.997 | IV. B. |
| 176 | 8. 9 | 17 25 41.97 | 2.941 | 5 35 39.5 | 2.990 | (875.) |
| 177 | 9. 10 | 17 27 1.02 | 2.986 | 3 40 57.0 | 2.875 | (876.) |
| 178 | 6. 7 | 17 27 4.71 | 2.916 | 6 37 45.4 | 2.871 | (842.) Ll. S. |
| 179 | 8. 9 | 17 27 40.88 | 2.880 | 8 12 12.4 | 2.819 | V. |
| 180 | 8 | 17 27 52.32 | 2.978 | 4 1 24.6 | 2.801 | VI. Ll. |
| 181 | 7. 8 | 17 28 33.10 | 2.925 | 6 16 34.9 | 2.744 | (875.) |

I. (842) +0.05 +0.1; (856) -0.05 -0.1. II. (843) +0.08 +0.4; (874) -0.08 -0.04.
III. (876) -0.04 +0.3; (877) +0.04 -0.3. IV. (841) +0.02 +0.7; (876) -0.01 -0.6.
V. (843) -0.01 +0.4; (874) +0.01 -0.3. VI. (841) +0.03 +0.4; (876) -0.03 -0.3.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 182 | 7. 8 | 17 28 48.56 | + 2.906 | + 7 6 55.3 | - 2.720 | I. Ll. S. |
| 183 | 8. 9 | 17 28 56.87 | 2.914 | 6 43 18.6 | 2.709 | (842.) |
| 184 | 8 | 17 29 5.34 | 2.922 | 6 24 54.2 | 2.699 | (875.) |
| 185 | 8. 9 | 17 30 27.36 | 2.918 | 6 33 38.7 | 2.587 | (842.) B. S. |
| 186 | 9 | 17 30 44.43 | 2.872 | 8 29 3.2 | 2.554 | (874.) |
| 187 | 9 | 17 32 31.69 | 2.904 | 7 9 6.3 | 2.392 | (843.) |
| 188 | 8. 9 | 17 34 9.34 | 2.931 | 6 1 30.2 | 2.256 | (875.) |
| 189 | 8. 9 | 17 34 19.41 | 2.890 | 7 45 32.5 | 2.242 | (874.) |
| 190 | 9 | 17 34 58.84 | 2.913 | 6 49 13.9 | 2.191 | (856.) S. |
| 191 | 8. 9 | 17 37 24 79 | 2.868 | 8 38 44.0 | 1.976 | (825.) |
| 192 | 7 | 17 38 35.16 | 2.931 | 5 58 22.1 | 1.871 | (842.) Ll. |
| 193 | 9 | 17 38 37.83 | 2.960 | 4 44 13.6 | 1.869 | (876.) |
| 194 | 8 | 17 39 37.39 | 2.909 | 6 54 7.6 | 1.869 | (875.) |
| 195 | 7 | 17 40 6.59 | 2.945 | 5 25 15.7 | 1.739 | (876.) |
| 196 | 6 | 17 40 34.75 | 2.941 | 6 27 41.8 | 1.698 | (875.) R. S. |
| 197 | 8. 9 | 17 41 5.80 | 2.908 | 6 55 42.3 | 1.653 | (856.) |
| 198 | 8 | 17 41 42.58 | 2.929 | 6 2 37.8 | 1.599 | (875.) B. |
| 199 | 7 | 17 41 59.53 | 2.926 | 6 12 51.1 | 1.572 | (875.) B. |
| 200 | 8. 9 | 17 42 11.41 | 2.933 | 5 52 45.9 | 1.556 | (842.) |
| 201 | 9. 10 | 17 42 16.84 | 2.861 | 8 56 58.0 | 1.551 | (843.) |
| 202 | 6. 7 | 17 43 19.40 | 2.909 | 7 16 49.7 | 1.448 | (842.) S. |
| 203 | 7. 8 | 17 43 36.31 | 2.926 | 6 10 44.1 | 1.435 | (875.) |
| 204 | 9 | 17 43 50.84 | 2.894 | 7 33 23.3 | 1.413 | (856.) |
| 205 | 8 | 17 44 29.49 | 2.896 | 7 27 16.2 | 1.356 | (856.) S. |
| 206 | 7 | 17 44 43.56 | 2.912 | 6 46 19.2 | 1.335 | (842.) Ll. |
| 207 | 6 | 17 45 28.45 | 2.866 | 8 41 18.8 | 1.269 | (874.) Ll. B. |
| 208 | 8 | 17 45 46.91 | 2.865 | 8 44 21.2 | 1.242 | (874.) B. |
| 209 | 7. 8 | 17 46 32.83 | 2.904 | 7 5 26.3 | 1.175 | II. B. |
| 210 | 9 | 17 48 36.55 | 2.964 | 4 33 48.5 | 0.994 | (876.) B. |

I. (843) +0.08 +0.9; (856) -0.07 -0.9. II. (842) -0.03 +1.7; (856) -0.05 -2.5; (875) +0.07 +0.9.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 211 | 8 | 17 50 55.59 | + 2.919 | + 6 27 46.5 | - 0.793 | (856.) |
| 212 | 8. 9 | 17 52 14.35 | 2.877 | 8 14 16.0 | 0.680 | (843.) |
| 213 | 9 | 17 53 11.38 | 2.963 | 4 35 16.7 | 0.596 | (876.) |
| 214 | 8. 9 | 17 54 43.87 | 2.944 | 5 23 30.5 | - 0.461 | (876.) B. |
| 215 | 8 | 18 15 56.81 | 2.991 | 3 25 29.4 | + 1.394 | (880.) |
| 216 | 8 | 18 17 12.71 | 2.907 | 7 — — | 1.494 | (843.) |
| 217 | 7. 8 | 18 19 25.83 | 2.898 | 7 23 20.5 | 1.698 | (843.) B. |
| 218 | 9. 10 | 18 30 51.44 | 2.922 | 6 25 49.1 | 2.693 | (827.) |
| 219 | 9 | 18 31 53.11 | 2.926 | 6 24 39.6 | 2.732 | (827.) |
| 220 | 9 | 18 31 57.39 | 2.923 | 6 22 18.4 | 2.788 | (827.) |
| 221 | 9. 10 | 18 32 26.67 | 2.864 | 8 51 3.6 | 2.831 | (826.) B. |
| 222 | 9. 10 | 18 33 26.79 | 2.922 | 6 23 18.1 | 2.914 | (827.) |
| 223 | 9. 10 | 18 34 45.18 | 2.921 | 6 26 51.5 | 3.028 | I. |
| 224 | 8 | 18 36 44.09 | 2.958 | 4 51 27.1 | 3.200 | (881.) Ll. B. |
| 225 | 6 | 18 38 56.24 | 2.955 | 4 59 55.9 | 3.390 | (881.) B. S. |
| 226 | 9. 10 | 18 42 29.19 | 2.961 | 4 45 18.3 | 3.694 | (881.) |
| 227 | 8. 9 | 18 45 17.32 | 2.990 | 3 29 52.0 | 3.938 | (847.) |
| 228 | 9 | 18 52 19.91 | 2.982 | 3 54 36.7 | 4.540 | (847.) |
| 229 | 9. 10 | 18 58 10.75 | 2.912 | 6 57 41.5 | 5.086 | (827.) |
| 230 | 9 | 18 58 24.04 | 2.912 | 7 0 18.3 | 5.054 | (827.) B. |
| 231 | 9 | 19 2 48.83 | 2.915 | 6 52 55.4 | 5.429 | (827.) |
| 232 | 10 | 19 3 0.28 | 2.879 | 8 26 41.5 | 5.445 | (826.) B. |
| 233 | 8 | 19 3 54.33 | 2.969 | 4 31 12.8 | 5.520 | (881.) |
| 234 | 6 | 19 4 28.39 | 2.968 | 4 33 41.8 | 5.567 | (881.) |
| 235 | 9 | 19 5 48.77 | 2.930 | 6 16 14.6 | 5.680 | II. |
| 236 | 9. 10 | 19 8 12.35 | 2.915 | 6 57 20.7 | 5.880 | (882.) B. |
| 237 | 9. 10 | 19 8 38.03 | 2.889 | 8 5 55.3 | 5.917 | (826.) |
| 238 | 8 | 19 10 28.46 | 2.884 | 8 20 54.6 | 6.070 | III. B. |

I. (827) -0.06 +0.9; (882) +0.09 -0.9. II. (848) -0.03 -1.6; (882) +0.04 +1.6.
III. (826) -0.05 -0.4; (849) +0.02 -1.0; (883) +0.04 +1.5.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 239 | 8. 9 | 19 12 25.31 | + 2.893 | + 7 55 5.0 | + 6.231 | I. B. |
| 240 | 9 | 19 15 32.86 | 2.891 | 8 5 10.7 | 6.491 | (849.) |
| 241 | 7. 8 | 19 16 57.51 | 2.876 | 8 44 15.2 | 6.609 | (883.) |
| 242 | 8. 9 | 19 21 24.75 | 3.005 | 3 1 47.2 | 6.973 | (880.) |
| 243 | 9. 10 | 19 23 4.20 | 2.897 | 7 54 46.7 | 7.110 | (883.) |
| 244 | 9 | 19 34 25.66 | 2.987 | 3 52 5.7 | 8.030 | (847.) |
| 245 | 8. 9 | 19 35 36.28 | 2.890 | 8 24 48.5 | 8.125 | (883.) |
| 246 | 7 | 19 36 22.90 | 2.998 | 3 24 14.8 | 8.188 | (862.) |
| 247 | 8 | 19 38 56.00 | 2.987 | 3 56 14.4 | 8.391 | II. S. |
| 248 | 8 | 19 39 3.84 | 2.994 | 3 34 30.8 | 8.401 | (847.) S. |
| 249 | 8. 9 | 19 39 55.19 | 2.992 | 3 42 11.2 | 8.468 | (862.) |
| 250 | 8 | 19 42 25.38 | 2.978 | 4 24 27.5 | 8.665 | (861.) |
| 251 | 7. 8 | 19 48 17.50 | 2.978 | 4 26 40.5 | 9.127 | (861.) |
| 252 | 8 | 19 49 20.15 | 2.895 | 8 23 29.3 | 9.209 | (849.) S. |
| 253 | 8 | 19 52 13.00 | 3.002 | 3 19 47.4 | 9.432 | (862.) |
| 254 | 9 | 19 52 55.38 | 2.921 | 7 14 13.9 | 9.485 | (832.) |
| 255 | 8 | 20 1 55.16 | 2.995 | 3 46 1.8 | 10.171 | (862.) |
| 256 | 7. 8 | 20 12 45.50 | 3.008 | 3 13 31.9 | 10.978 | (862.) Ll. S. |
| 257 | 8 | 20 19 20.56 | 3.013 | 3 1 37.6 | 11.455 | (862.) |
| 258 | 7 | 20 22 26.32 | 3.012 | 3 4 1.3 | 11.676 | (862.) |
| 259 | 7 | 20 26 51.40 | 3.010 | 3 15 8.0 | 11.988 | (862.) |
| 260 | 7. 8 | 20 28 50.21 | 3.008 | 3 23 36.4 | 12.127 | (862.) |
| 261 | 7. 8 | 20 33 38.85 | 3.014 | + 3 6 46.9 | + 12.461 | (862.) |
| | | | | -3° bis -9° | | Suppl.-Bd IX. |
| 262 | 7 | 9 1 1.39 | 2.968 | - 5 1 36.2 | - 14.241 | (834.) B. |
| 263 | 8 | 9 1 35.70 | 2.986 | 5 7 51.9 | 14.278 | (834.) B. |
| 264 | 6 | 9 4 30.51 | 3.007 | 3 56 34.2 | 14.456 | (834.) Ll. B. |
| 265 | 7 | 9 4 51.75 | 3.004 | 4 6 35.3 | 14.478 | (834.) Ll. B. |
| 266 | 9 | 9 5 41.81 | 3.005 | 4 3 2.1 | 14.529 | (834.) |

I. (826) +0.02 +0.3; (883) -0.01 -0.3. II. (847) +0.08 +1.7; (862) -0.07 -1.7.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 267 | 9 | 9 8 20.46 | + 2.988 | - 5 10 42.6 | - 14.687 | (834.) |
| 268 | 7 | 9 8 38.36 | 3.003 | 4 14 40.5 | 14.705 | (834.) |
| 269 | 9 | 9 10 24.89 | 2.983 | 5 34 20.5 | 14.810 | I. |
| 270 | 10 | 9 12 53.51 | 2.987 | 5 21 27.7 | 14.955 | (802.) |
| 271 | 8 | 9 13 8.18 | 3.001 | 4 29 12.3 | 14.970 | (834.) Ll. B. |
| 272 | 7. 8 | 9 14 10.28 | 3.010 | 3 53 42.1 | 15.029 | (834.) B. |
| 273 | 5. 6 | 9 15 20.62 | 3.003 | 4 24 6.5 | 15.097 | (834.) Ll. B. |
| 274 | 8 | 9 15 21.99 | 3.006 | 4 12 57.8 | 15.099 | (834.) Ll. B. |
| 275 | 8. 9 | 9 16 25.64 | 3.011 | 3 53 31.5 | 15.159 | (835.) |
| 276 | 8 | 9 16 33.68 | 2.996 | 4 53 21.9 | 15.167 | (834.) B. |
| 277 | 6 | 9 17 54.02 | 3.003 | 4 28 19.8 | 15.243 | (835.) Ll. B. |
| 278 | 9. 10 | 9 18 42.51 | 3.005 | 4 19 2.6 | 15.289 | (834.) |
| 279 | 8 | 9 19 56.70 | 2.998 | 4 47 20.8 | 15.361 | (834.) |
| 280 | 5 | 9 20 20.56 | 2.989 | 5 25 3.5 | 15.382 | (835.) B. |
| 281 | 8. 9 | 9 20 24.18 | 3.001 | 4 50 30.6 | 15.386 | (834.) B. |
| 282 | 8. 9 | 9 20 30.47 | 2.994 | 5 1 12.0 | 15.391 | (835.) B. |
| 283 | 8. 9 | 9 22 7.18 | 2.988 | 6 50 28.5 | 15.482 | (802.) Ll. B. |
| 284 | 6 | 9 23 25.89 | 2.997 | 5 0 24.4 | 15.553 | II. Ll. B. |
| 285 | 7 | 9 24 21.21 | 3.006 | 4 25 11.9 | 15.604 | (834.) Ll. |
| 286 | 9. 10 | 9 24 32.08 | 3.006 | 4 25 25.7 | 15.614 | (834.) |
| 287 | 9. 10 | 9 24 47.06 | 2.996 | 5 6 31.7 | 15.629 | (835.) |
| 288 | 7. 8 | 9 25 44.61 | 3.016 | 3 44 52.9 | 15.679 | (835.) Ll. B. |
| 289 | 6 | 9 25 54.25 | 2.975 | 6 31 37.2 | 15.689 | (802.) Ll B. |
| 290 | 8. 9 | 9 25 55.30 | 2.985 | 5 50 48.4 | 15.691 | III. B. |
| 291 | 7 | 9 27 31.45 | 3.010 | 4 13 20.8 | 15.777 | (834.) Ll. B. |
| 292 | 6 | 9 27 37.05 | 3.003 | 4 42 3.4 | 15.783 | IV. Ll. B. |
| 293 | 9 | 9 28 25.53 | 3.003 | 4 42 47.1 | 15.826 | V. Ll. B. |
| 294 | 8 | 9 28 33.64 | 3.002 | 4 44 34.1 | 15.833 | VI. Ll. B. |

I. (802) -0.01 -2.3; (834) +0.01 +2.2. II. (834) +0.04 +3.4; (835) -0.03 -3.4.
III. (802) -0.05 -2.1; (834) +0.06 +2.0. IV. (834) +0.04 -0.1; (835) -0.03 +0.1.
V. (834) +0.01 -0.6; (835) 0.00 +0.6. VI. (834) +0.03 -1.6; (835) -0.02 +1.6.

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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 295 | 9. 10 | 9 29 41.00 | + 2.966 | - 7 17 25.0 | - 15.894 | (802.) |
| 296 | 9. 10 | 9 30 12.78 | 3.013 | 4 2 58.4 | 15.922 | (834.) Ll. |
| 297 | 7 | 9 31 41.59 | 3.007 | 4 29 36.5 | 16.000 | (834.) |
| 298 | 7 | 9 32 34.99 | 3.019 | 3 42 4.8 | 16.047 | (834.) B. |
| 299 | 7. 8 | 9 35 44.99 | 2.988 | 5 56 50.2 | 16.212 | (802.) B. |
| 300 | 7 | 9 36 58.44 | 3.016 | 3 58 16.5 | 16.275 | (834.) Ll. B. |
| 301 | 8. 9 | 9 37 25.41 | 2.988 | 6 1 1.3 | 16.297 | (802.) Ll. |
| 302 | 6. 7 | 9 43 53.00 | 2.999 | 5 29 1.3 | 16.620 | (802.) B. |
| 303 | 6 | 9 48 4.77 | 3.016 | 4 15 57.0 | 16.823 | (834.) Ll. B. |
| 304 | 9. 10 | 9 48 11.29 | 3.017 | 4 12 14.7 | 16.828 | (834.) B. |
| 305 | 7 | 9 48 20.06 | 2.967 | 8 7 41.2 | 16.834 | (803.) Ll. B. |
| 306 | 9 | 9 49 15.55 | 2.967 | 8 7 43 5 | 16.878 | (803.) Ll. |
| 307 | 7 | 9 49 18.78 | 3.006 | 5 4 21.8 | 16.881 | (834.) B. |
| 308 | 8. 9 | 9 50 0.73 | 2.977 | 7 27 47.3 | 16.913 | (803.) |
| 309 | 9 | 9 50 31.14 | 2.998 | 5 44 30.1 | 16.937 | (834.) B. |
| 310 | 8 | 9 51 28.38 | 3.024 | 3 44 49.1 | 16.982 | (834.) B. |
| 311 | 7 | 9 52 31.46 | 3.018 | 4 17 44.9 | 17.031 | I. Ll. |
| 312 | 9 | 9 52 36.54 | 3.014 | 4 34 48.0 | 17.035 | (834.) |
| 313 | 8. 9 | 9 53 15.09 | 2.992 | 6 22 43.1 | 17.072 | (802.) Ll. B. |
| 314 | 7. 8 | 9 54 14.12 | 3.017 | 4 24 30.4 | 17.110 | II. Ll. |
| 315 | 7. 8 | 9 55 40.49 | 2.972 | 8 9 49.2 | 17.175 | (803.) B. |
| 316 | 9 | 9 55 43.95 | 2.999 | 5 54 58.7 | 17.178 | III. B. |
| 317 | 8 | 9 58 23.08 | 3.015 | 4 41 41.8 | 17.297 | IV. B. |
| 318 | 9 | 9 59 31.25 | 3.004 | 5 38 46.2 | 17.347 | (802.) |
| 319 | 8 | 10 0 6.67 | 3.004 | 5 42 45.0 | 17.372 | (802.) B. |
| 320 | 9 | 10 1 0.34 | 2.989 | 6 58 46.3 | 17.412 | (802.) B. |
| 321 | 5 | 10 2 40.36 | 2.982 | 7 40 22.6 | 17.483 | (803.) Ll. B. |
| 322 | 5. 6 | 10 3 28.40 | 2.983 | 7 40 50.0 | 17.518 | (803.) Ll. B. |
| 323 | 7. 8 | 10 3 41.30 | 2.999 | 6 18 22.0 | 17.527 | (802.) B. |

I. (834) +0.04 +1.9; (835) -0.04 -2.0. II. (834) -0.05 -0.5; (835) +0.05 +0.5.
III. (834) +0.04 +1.9; (835) -0.04 -2.0. IV. (834) -0.07 +1.4; (835) +0.07 -1.4.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 324 | 8 | 10 3 57.71 | + 3.009 | - 5 26 16.5 | - 17.539 | I. |
| 325 | 8 | 10 4 43.85 | 3.022 | 4 20 37.1 | 17.570 | (836.) B. |
| 326 | 8 | 10 5 41.23 | 3.021 | 4 28 33.0 | 17.611 | II. B. |
| 327 | 7. 8 | 10 5 48.50 | 2.984 | 7 42 12.7 | 17.616 | (803.) Ll. |
| 328 | 6 | 10 6 36.42 | 3.015 | 4 — — | 17.649 | (835.) |
| 329 | 8 | 10 7 56.50 | 3.013 | 5 14 55.0 | 17.705 | III. B. |
| 330 | 7 | 10 8 44.94 | 3.015 | 5 4 57.8 | 17.737 | IV. Ll. B. |
| 331 | 7. 8 | 10 8 50.43 | 3.022 | 4 30 43.0 | 17.741 | (835.) B. |
| 332 | 9 | 10 9 19.18 | 3.015 | 5 5 35.4 | 17.760 | V. B. |
| 333 | 8. 9 | 10 10 29.75 | 3.013 | 5 24 35.0 | 17.809 | (836.) |
| 334 | 8. 9 | 10 10 33.97 | 3.010 | 5 40 26.1 | 17.811 | VI. B. |
| 335 | 9 | 10 11 23.35 | 3.010 | 5 36 44.3 | 17.844 | (834.) |
| 336 | 8. 9 | 10 11 54.10 | 3.019 | 4 52 56.3 | 17.864 | (834.) Ll. B. |
| 337 | 6 | 10 12 2.73 | 3.023 | 4 28 29.8 | 17.870 | VII. Ll. B. |
| 338 | 9 | 10 12 32.80 | 3.025 | 4 21 18.7 | 17.889 | (836.) |
| 339 | 7 | 10 13 7.21 | 3.013 | 5 26 21.7 | 17.912 | VIII. Ll. B. |
| 340 | 8. 9 | 10 15 6.31 | 3.023 | 4 37 55.3 | 17.990 | IX. |
| 341 | 8 | 10 15 15.58 | 3.009 | 5 59 49.0 | 17.996 | X. B. |
| 342 | 8. 9 | 10 15 16.88 | 3.011 | 5 46 5.6 | 17.997 | XI. |
| 343 | 9 | 10 16 23.93 | 3.004 | 6 29 59.2 | 18.040 | (802.) B. |
| 344 | 9. 10 | 10 17 18.69 | 3.012 | 5 47 16.5 | 18.075 | (834.) |
| 345 | 8 | 10 17 44.05 | 3.032 | 3 51 9.8 | 18.090 | XII. B. |
| 346 | 7. 8 | 10 19 59.91 | 3.034 | 3 40 — | | XIII. B. |
| 347 | 8. 9 | 10 21 9.65 | 3.025 | 4 39 8.4 | 18.218 | (835.) B. |

**I.** (834) -0.10 +0.9; (836) +0.10 -1.0. **II.** (834) +0.01 -1.6; (835) 0.00 +1.5. **III.** (834) -0.08 +0.4; (836) +0.08 -0.4. **IV.** (834) -0.07 -0.6; (836) +0.07 +0.6. **V.** (834) -0.04 +1.4; (836) +0.04 -1.5. **VI.** (802) +0.04 -3.3; (834) +0.02 +1.0; (835) -0.05 +2.2. **VII.** (835) -0.05 +0.3; (836) +0.10 +1.3; (837) -0.05 -1.6. **VIII.** (802) -0.01 -1.4; (834) +0.01 +1.3. **IX.** (834) +0.05 +1.3; (837) -0.04 -1.4. **X.** (802) +0.10 0.0; (836) -0.04 —; (838) -0.07 —. **XI.** (835) -0.10 +1.0; (836) +0.11 -1.1. **XII.** (835) -0.04 +1.7; (836) +0.04 +0.8; (837) +0.03 -0.1; (838) -0.04 -2.4. **XIII.** (834) -0.01 +2.8; (837) +0.04 +0.2; (838) -0.04 -3.1.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 348 | 9 | 10 21 35.05 | + 3.024 | - 4 45 3.5 | - 18.233 | (836.) B. |
| 349 | 7 | 10 22 13.15 | 3.037 | 3 31 — | 18.256 | (839.) B. |
| 350 | 8 | 10 23 8.32 | 3.031 | 4 4 29.0 | 18.289 | I. B. |
| 351 | 9 | 10 23 27.00 | 3.011 | 6 13 45.4 | 18.300 | (802.) B. |
| 352 | 6 | 10 25 39.78 | 3.027 | 4 35 6.4 | 18.378 | II. B. |
| 353 | 8. 9 | 10 28 54.89 | 3.034 | 4 3 8.8 | 18.491 | III. B. |
| 354 | 8 | 10 31 26.46 | 3.018 | 5 53 — | 18.575 | (835.) |
| 355 | 6. 7 | 10 31 43.04 | 3.023 | 5 25 52.0 | 18.585 | IV. B. |
| 356 | 8. 9 | 10 32 53.01 | 3.021 | 5 41 59.5 | 18.623 | (836.) |
| 357 | 8 | 10 33 17.04 | 3.029 | 4 45 46.5 | 18.636 | V. B. |
| 358 | 9 | 10 33 56.67 | 3.036 | 4 0 45.7 | 18.657 | (838.) |
| 359 | 8. 9 | 10 34 29.93 | 3.030 | 4 45 58.9 | 18.675 | (837.) S. |
| 360 | 8 | 10 34 55.47 | 3.028 | 5 1 42.3 | 18.688 | VI. B. |
| 361 | 8 | 10 35 24.59 | 3.020 | 6 — — | 18.704 | (838.) |
| 362 | 7 | 10 35 27.22 | 3.040 | 3 37 — | 18.706 | (839.) Ll. B. |
| 363 | 8. 9 | 10 36 6.31 | 3.022 | 5 47 37.2 | 18.726 | VII. |
| 364 | 7. 8 | 10 36 8.03 | 3.022 | 5 48 28.2 | 18.727 | VIII. |
| 365 | 7. 8 | 10 36 8.03 | 3.038 | 3 52 3.5 | 18.727 | (840.) |
| 366 | 8. 9 | 10 36 31.60 | 3.031 | 4 45 9.6 | 18.379 | IX. |
| 367 | 8 | 10 38 10.29 | 3.026 | 5 29 17.3 | 18.790 | (837.) |
| 368 | 7. 8 | 10 38 38.64 | 3.036 | 4 11 23.1 | 18.804 | (840.) |
| 369 | 6. 7 | 10 39 13.97 | 3.034 | 4 35 33.1 | 18.822 | X. Ll. B. |
| 370 | 9 | 10 41 3.18 | 3.040 | 3 23 51.0 | 18.876 | (838.) B. |
| 371 | 8 | 10 42 39.94 | 3.033 | 4 51 40.5 | 18.923 | XI. |

I. (834) 0.00 +1.8; (836) +0.01 0.0; (837) -0.01 -1.9. II. (834) +0.02 -0.9; (835) -0.08 +0.3; (836) +0.07 +1.4; (837) -0.06 -1.5; (838) +0.02 -1.9; (839) +0.02 +2.5. III. (835) +0.03 +1.7; (836) -0.03 +0.8; (838) 0.00 -2.4. IV. (835) -0.06 +0.8; (839) +0.07 +0.1; (840) -0.01 -0.9. V. (837) -0.07 -0.1; (840) +0.08 +0.1. VI. (839) +0.02 +1 0; (840) -0.02 -1.0. VII. (837) -0.02 +1.6; (838) -0.03 -1.6. VIII. (837) 0.00 -0.9; (838) 0.00 +0.9. IX. (836) -0.05 +0.9; (839) +0.05 -0.9. X. (836) -0.11 +2.5; (837) +0.02 -0.4; (838) -0.01 -1.6; (839) +0.02 +0.8; (840) +0.06 -1.1. XI. (837) +0.07 +1.1; (838) -0.06 -1.2.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 372 | 8 | 10 43 2.69 | + 3.024 | - 6 — — | - 18.934 | (840.) |
| 373 | 7 | 10 43 37.74 | 3.032 | 5 5 53.5 | 18.951 | (840.) |
| 375 | 8. 9 | 10 44 20.63 | 3.022 | 6 23 27.3 | 18.971 | (802.) Ll. |
| 375 | 5 | 10 45 16.76 | 3.026 | 6 0 — | 18.994 | (837 ) Ll. B. |
| 376 | 9 | 10 46 21.33 | 3.028 | 5 27 53.9 | 19.028 | (838.) |
| 377 | 8. 9 | 10 47 43.66 | 3.034 | 5 3 14.0 | 19.066 | (840.) B. |
| 378 | 8 | 10 47 47.98 | 3.027 | 6 1 47.6 | 19.068 | (802.) Ll. B. |
| 379 | 8 | 10 47 49.82 | 3.026 | 6 9 42.1 | 19.069 | (802 ) Ll. |
| 380 | 8 | 10 48 22.61 | 3.028 | 5 49 40.8 | 19.083 | (837.) |
| 381 | 8 | 10 49 4.11 | 3.042 | 4 0 8.1 | 19.102 | I. B. |
| 382 | 8 | 10 49 32.63 | 3.030 | 5 41 49.5 | 19.114 | II. |
| 383 | 8. 9 | 10 50 3.83 | 3.043 | 3 59 52.6 | 19.128 | III. |
| 384 | 8 | 10 51 0.18 | 3.032 | 5 33 15.0 | 19.152 | IV. B. |
| 385 | 8 | 10 51 42.15 | 3.039 | 4 35 47.3 | 19.170 | V. |
| 386 | 7 | 10 53 32.79 | 3.038 | 4 53 7.0 | 19.217 | VI. Ll. B. |
| 387 | 8 | 10 54 9.58 | 3.034 | 5 28 25.3 | 19.232 | VII. |
| 388 | 9 | 10 55 19.43 | 3.015 | 8 31 16.2 | 19.261 | (803.) B. |
| 389 | 7. 8 | 10 55 23.11 | 3.044 | 4 9 18.8 | 19.262 | VIII. B. |
| 390 | 7 | 10 56 27.02 | 3.035 | 5 37 56.4 | 19.289 | IX. B. |
| 391 | 8 | 10 57 52.10 | 3.036 | 5 37 51.7 | 19.322 | X. B. |
| 392 | 8. 9 | 10 58 5 05 | 3.042 | 4 35 2.7 | 19.327 | (837.) Ll. B. |
| 393 | 7. 8 | 10 58 25.27 | 3.042 | 4 34 13.5 | 19.334 | (837.) Ll. B. |
| 394 | 9 | 10 59 18.14 | 3.036 | 5 43 14.3 | 19.355 | (838.) |
| 395 | 9 | 10 59 34 17 | 3.038 | 5 17 47.7 | 19.362 | XI. |

I. (836) -0.07 +1.0; (837) +0.13 +0.1; (838) -0.06 -1.1. II. (802) +0.04 -1.9; (840) -0.03 +2.0. III. (837) +0.12 -2.9; (838) -0.07 0.0; (836) -0.05 +3.0. IV. (837) +0.09 -0.4; (838) -0.08 +0.3. V. (837) +0.02 +0.6; (838) -0.02 -0.7. VI. (837) +0.06 -0.8; (838) -0.03 -1.1; (839) -0.05 +0.3; (840) +0.01 +1.4. VII. (837) -0.02 +0.4; (839) +0.02 -0.4. VIII. (837) -0.02 -0.5; (839) -0.04 +2.7; (840) +0.06 -2.2. IX. (837) -0.02 +0.3; (840) +0.02 -0.4. X. (838) -0.04 -1.1; (839) +0.08 +1.4; (840) -0.04 -0.4. XI. (838) -0.03 -1.0; (839) +0.06 +1.4; (840) -0.04 -0.5.



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|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 396 | 8. 9 | 10 59 43.72 | + 3.023 | - 7 47 25.6 | - 19.365 | (803.) |
| 397 | 8 | 11 0 41.48 | 3.038 | 5 29 51.8 | 19.386 | (837.) |
| 398 | 9 | 11 0 50.84 | 3.053 | 3 — — | 19.396 | (839.) |
| 399 | 8. 9 | 11 1 13.11 | 3.039 | 5 19 32.7 | 19.399 | I. B. |
| 400 | 8 | 11 2 2.54 | 3.039 | 5 21 12.5 | 19.417 | II. B. |
| 401 | 7. 8 | 11 2 55.61 | 3.023 | 8 12 42.4 | 19.436 | (803.) Ll. B. |
| 402 | 9. 10 | 11 3 14.83 | 3.041 | 5 11 15.3 | 19.443 | (839.) |
| 403 | 8 | 11 3 42.26 | 3.048 | 4 1 45.2 | 19.458 | (837.) B. |
| 404 | 8 | 11 7 12.50 | 3.048 | 4 14 34.2 | 19.525 | III. |
| 405 | 8. 9 | 11 7 30.83 | 3.026 | 8 17 47.3 | 19.531 | (803.) |
| 406 | 8 | 11 8 50.90 | 3.049 | 4 10 47.4 | 19.558 | (840.) |
| 407 | 8 | 11 9 27.63 | 3.040 | 5 51 27.5 | 19.569 | (837.) |
| 408 | 8. 9 | 11 9 59.95 | 3.047 | 4 33 37.5 | 19.580 | IV. |
| 409 | 8 | 11 12 28.63 | 3.050 | 4 24 43.8 | 19.625 | V. B. |
| 410 | 8 | 11 12 37.96 | 3.032 | 8 2 40.1 | 19.627 | (803.) Ll. |
| 411 | 8 | 11 15 23.95 | 3.048 | 5 30 20.7 | 19.675 | (840.) |
| 412 | 8. 9 | 11 15 31.93 | 3.050 | 4 31 2.6 | 19.676 | VI. |
| 413 | 8 | 11 17 57.48 | 3.058 | 3 — — | 19.716 | (840.) |
| 414 | 8 | 11 23 44.14 | 3.051 | 5 21 6.6 | 19.804 | (840.) |
| 415 | 6. 7 | 11 24 52.90 | 3.054 | 4 34 20.5 | 19.820 | (840.) Ll. B. |
| 416 | 5. 6 | 11 27 6.64 | 3.037 | 4 7 30.4 | 19.848 | (840.) B. |
| 417 | 8 | 11 27 13.29 | 3.054 | 4 49 14.0 | 19.850 | VII. |
| 418 | 9 | 11 28 18.02 | 3.057 | 4 13 39.1 | 19.863 | (838.) |
| 419 | 6 | 11 33 12.63 | 3.058 | 4 21 57.5 | 19.918 | (838.) Ll. B. |
| 420 | 8. 9 | 11 34 13.24 | 3.057 | 5 12 27.4 | 19.928 | (838.) |
| 421 | 9 | 11 36 43.25 | 3.057 | 5 43 26.6 | 19.952 | (838.) |
| 422 | 8 | 11 37 10.34 | 3.062 | 3 45 27.9 | 19.955 | (840.) B. |

I. (838) -0.02 -1.3; (839) +0.06 +1.1; (840) -0.03 +0.2. II. (839) -0.05 -0.8; (840) +0.06 +0.2. III. (839) -0.01 +0.9; (840) +0.02 -1.0. IV. (838) -0.05 -0.3; (840) +0.05 +0.2. V. (837) +0.11 +1.6; (838) -0.18 -0.6; (840) +0.06 -1.0. VI. (837) +0.10 +0.1; (838) -0.09 -0.2. VII. (838) -0.02 -0.4; (840) +0.03 +0.2.

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| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 423 | 7. 8 | 11 41 27.16 | + 3.062 | - 4 56 53.4 | - 19.989 | (840.) Ll. |
| 424 | 9 | 12 40 48.34 | 3.108 | 6 56 49.3 | 19.738 | (821.) |
| 425 | 7 | 12 42 21.07 | 3 100 | 6 48 50.8 | 19.714 | (822 ) Ll. |
| 426 | 9 | 12 42 56.68 | 3.100 | 6 49 2.0 | 19.704 | (822.) Ll. |
| 427 | 9 | 12 44 17.17 | 3.105 | 7 42 24.9 | 19.681 | (822.) |
| 428 | 8. 9 | 12 44 58.39 | 3.107 | 7 53 31.9 | 19.670 | (822.) Ll. |
| 429 | 7 | 12 45 49.33 | 3.109 | 8 14 49.6 | 19.655 | (822.) Ll. B. |
| 430 | 4 | 12 46 33.30 | 3.112 | 8 43 23.8 | 19.642 | I. Ll. R. |
| 431 | 9 | 12 47 12.54 | 3.111 | 8 21 45.5 | 19.630 | (822.) Ll. B. |
| 432 | 7 | 12 49 31.01 | 3.111 | 8 5 52.1 | 19.589 | (822.) Ll. B. |
| 433 | 8. 9 | 12 50 8.49 | 3.102 | 6 19 — | 19.578 | (822.) Ll. B. |
| 434 | 9 | 12 52 36.08 | 3.112 | 7 49 50.0 | 19.529 | (822.) B. |
| 435 | 9. 10 | 12 52 41.07 | 3.112 | 7 49 6.0 | 19.528 | (822.) B. |
| 436 | 9. 10 | 12 53 35.82 | 3.112 | 7 37 39.4 | 19.509 | (822.) B. |
| 437 | 8. 9 | 12 53 51.68 | 3 119 | 8 49 53.6 | 19.503 | (821.) Ll. B. |
| 438 | 9. 10 | 12 55 16.47 | 3.110 | 7 7 6.0 | 19.474 | (822.) |
| 439 | 10 | 12 55 33.48 | 3.113 | 7 29 41.7 | 19.468 | (822.) |
| 440 | 6 | 13 1 24.66 | 3.125 | 8 44 18.8 | 19.338 | (821.) Ll. B. R. |
| 441 | 9 | 13 4 37.46 | 3.119 | 7 31 1.1 | 19.262 | (822.) B. |
| 442 | 9 | 13 5 24.25 | 3.124 | 8 8 1.9 | 19.243 | (822.) B. |
| 443 | 9 | 13 7 18.28 | 3.130 | 8 45 28.2 | 19.195 | (822.) |
| 444 | 8 | 13 7 41.11 | 3 120 | 7 15 44.3 | 19.186 | (822.) Ll. B. R. |
| 445 | 8. 9 | 13 9 7.97 | 3.123 | 7 36 43.4 | 19.149 | (822.) Ll. B. |
| 446 | 9. 10 | 13 9 21.89 | 3.122 | 7 32 25.2 | 19.143 | (822.) |
| 447 | 7 | 13 9 53.68 | 3.127 | 7 56 18.0 | 19.129 | (822.) Ll. B. R. |
| 448 | 9. 10 | 13 11 19.31 | 3.130 | 8 22 8.4 | 19.092 | (822.) B. |
| 449 | 8. 9 | 13 11 56.67 | 3.131 | 8 18 53.5 | 19.075 | (822.) Ll. B. |
| 450 | 9. 10 | 13 12 30.76 | 3.131 | 8 16 9.6 | 19.060 | (822.) Ll. B. |
| x 451 | 9. 10 | 13 14 32.44 | 3.121 | 6 43 20.4 | 19.004 | (822.) B. |
| 452 | 9. 10 | 13 15 56.14 | 3.129 | 7 43 21.0 | 18.964 | (822.) B. |

I. (821) -0.03 -0.1; (822) +0.04 +0.1.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 453 | 8 | 13 17 31.22 | + 3.123 | - 6 47 58.0 | - 18.918 | (822.) B. } Doppelst. |
| 454 | 10 | 13 17 31.70 | 3.123 | 6 47 57.0 | 18.918 | (822.) B. } Doppelst. |
| 455 | 9. 10 | 13 19 38.23 | 3.138 | 8 24 38.7 | 18.856 | (822.) |
| 456 | 9 | 13 21 29.50 | 3.136 | 8 0 25.1 | 18.800 | (822.) B. |
| 457 | 9. 10 | 13 22 27.01 | 3.135 | 7 48 53.8 | 18.772 | (822.) |
| 458 | 9 | 13 22 42.78 | 3.143 | 8 47 14.8 | 18.764 | (821.) R. |
| 459 | 8. 9 | 13 23 40.06 | 3.131 | 7 13 40.0 | 18.733 | (822.) B. |
| 460 | 9. 10 | 13 24 27.58 | 3.132 | 7 16 23.6 | 18.709 | (822.) |
| 461 | 9 | 13 25 10.34 | 3.125 | 6 24 — | 18.686 | (822.) Ll. B. |
| 462 | 9 | 13 26 0.75 | 3.122 | 6 — — | 18.659 | (822.) |
| 463 | 9 | 13 26 55.74 | 3.133 | 7 13 54.8 | 18.630 | (822.) B. |
| 464 | 9 | 13 28 7.77 | 3.141 | 7 48 37.9 | 18.590 | (822.) B. |
| 465 | 9. 10 | 13 32 2.90 | 3.143 | 7 56 1.5 | 18.459 | (822.) |
| 466 | 8. 9 | 13 33 4.97 | 3.144 | 7 54 20.0 | 18.423 | (822.) Ll B. R. |
| 467 | 5 | 13 33 44.54 | 3.145 | 7 56 33.5 | 18.399 | (822.) Ll. B. R. |
| 468 | 9. 10 | 13 35 7.10 | 3.131 | 6 31 — | 18.350 | (822.) B. |
| 469 | 9. 10 | 13 35 34.85 | 3.127 | 6 — — | 18.334 | (822.) |
| 470 | 8. 9 | 13 37 41.69 | 3.157 | 8 50 — | 18.259 | (822.) Ll. B. |
| 471 | 9 | 13 38 28.53 | 3.145 | 7 40 55.4 | 18.231 | (822.) B. |
| 472 | 8 | 14 34 47.12 | 3.148 | 5 19 19.0 | 15.651 | (823.) |
| 473 | 9. 10 | 14 34 48.46 | 3.148 | 5 19 35.0 | 15.651 | (823.) |
| 474 | 7 | 14 36 29.54 | 3.155 | 5 44 55.4 | 15.557 | (823.) B. |
| 475 | 4 | 15 26 20.68 | 3.230 | 8 40 27.8 | 12.461 | (824.) Ll. B. |
| 476 | 8 | 15 26 40.34 | 3.210 | 7 36 31.5 | 12.439 | (824.) B. |
| 477 | 8. 9 | 15 31 2.04 | 3.221 | 8 4 9.9 | 12.137 | (824.) Ll. B. |
| 478 | 9 | 15 37 46.46 | 3.234 | 8 33 37.1 | 11.661 | (824.) |
| 479 | 8. 9 | 15 38 27.87 | 3.227 | 8 12 25.6 | 11.612 | (824.) B. |
| 480 | 6. 7 | 15 39 10.67 | 3.224 | 7 58 55.5 | 11.562 | (824.) B. |
| 481 | 9 | 15 39 40.74 | 3.211 | 7 24 35.8 | 11.526 | (824.) |
| 482 | 7. 8 | 15 43 48.06 | 3.226 | 7 56 8.1 | 11.229 | (824.) Ll. B. |
| 483 | 7. 8 | 15 51 49.17 | 3.218 | 7 27 19.4 | 10.640 | (824.) B. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 484 | 9 | 15 58 50.02 | + 3.224 | - 7 34 39.0 | - 10.115 | (824.) |
| 485 | 9 | 16 0 42.22 | 3.192 | 6 — — | 9.973 | (824.) |
| 486 | 9 | 16 4 47.93 | 3.239 | 8 12 33.6 | 9.662 | (824.) B. |
| 487 | 9 | 16 8 4.90 | 3.226 | 7 33 26.1 | 9.409 | (824.) R. |
| 488 | 8 | 16 14 56.25 | 3.225 | 7 22 16.7 | 8.875 | (824.) |
| 489 | 8 | 16 15 49.00 | 3.229 | 7 33 9.7 | 8.805 | (824.) |
| 490 | 8 | 16 16 47.34 | 3.223 | 7 16 19.8 | 8.728 | (824.) B. |
| 491 | 6 | 17 27 40.81 | 3.210 | 6 1 9.3 | 2.819 | (845.) Ll. B. |
| 492 | 8 | 17 27 52.09 | 3.210 | 6 1 39.6 | 2.803 | (845.) B. |
| 493 | 7. 8 | 17 37 45.95 | 3.229 | 6 47 0.0 | - 1.943 | (845.) |
| 494 | 9 | 18 14 26.30 | 3.190 | 5 7 47.2 | + 1.261 | (845.) B. |
| 495 | 7 | 18 18 53.55 | 3.218 | 6 19 22.3 | 1.650 | (845.) Ll. B. |
| 496 | 9 | 18 37 30.41 | 3.249 | 7 43 45.9 | 3.266 | (871.) B. |
| 497 | 7. 8 | 18 43 4.08 | 3.258 | 8 7 0.6 | 3.748 | (830.) Ll. |
| 498 | 8 | 18 43 13.69 | 3.220 | 6 31 22.9 | 3.759 | (872.) |
| 499 | 8 | 18 43 14.67 | 3.220 | 6 31 2.9 | 3.759 | (872.) |
| 500 | 8 | 18 44 8.20 | 3.277 | 8 56 54.9 | 3.838 | (871.) B. |
| 501 | 8 | 18 44 12.15 | 3.155 | 3 41 — | 3.844 | (846.) S |
| 502 | 10 | 18 45 5.87 | 3.237 | 7 15 2.3 | 3.920 | (872.) |
| 503 | 9. 10 | 18 45 26.41 | 3.259 | 8 11 20.6 | 3.950 | (830.) B. |
| 504 | 8 | 18 45 41.85 | 3.178 | 5 43 23.8 | 3.972 | (831.) |
| 505 | 8. 9 | 18 46 3.77 | 3.258 | 8 9 42.4 | 4.003 | (830.) B. |
| 506 | 9. 10 | 18 51 35.68 | 3.213 | 6 16 20.6 | 4.476 | (831.) |
| 507 | 8. 9 | 18 53 18.76 | 3.256 | 8 7 12.0 | 4.623 | (830.) |
| 508 | 8 | 18 56 2.10 | 3.271 | 8 47 24.2 | 4.855 | I. B. |
| 509 | 9 | 19 0 26.71 | 3.248 | 7 49 56.4 | 5.224 | (830.) |
| 510 | 8 | 19 0 41.57 | 3.245 | 7 42 7.4 | 5.247 | (872.) B. |
| 511 | 9 | 19 1 12.95 | 3.212 | 6 17 21.1 | 5.293 | (831.) B. |
| 512 | 8. 9 | 19 7 52.72 | 3.233 | 7 16 32.3 | 5.853 | (830.) B. |
| 513 | 7 | 19 14 23.72 | 3.237 | 7 29 56.6 | 6 394 | (830.) |

I. (830) -0.02 -0.5; (871) +0.02 +0.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 514 | 7. 8 | 19 14 36.81 | + 3.235 | - 7 24 34.5 | + 6.413 | (830.) |
| 515 | 9 | 19 15 0.95 | 3.237 | 7 29 4.6 | 6.447 | (830.) |
| 516 | 9 | 19 16 11.29 | 3.183 | 5 7 14.5 | 6.544 | (846.) |
| 517 | 9 | 19 16 56.86 | 3.252 | 8 11 33.1 | 6.608 | (830.) |
| 518 | 9 | 19 18 49.21 | 3.248 | 8 6 52.4 | 6.762 | (830.) |
| 519 | 8 | 19 32 15.98 | 3.204 | 6 11 29.4 | 7.857 | (831.) B. |
| 520 | 9 | 19 32 22.54 | 3.242 | 7 57 18.2 | 7.866 | (830.) |
| 521 | 8. 9 | 19 37 56.74 | 3.258 | 8 45 34.1 | 8.312 | (830.) |
| 522 | 8. 9 | 19 41 4.58 | 3.246 | 8 15 12.4 | 8.559 | (830.) B. |
| 523 | 9 | 19 41 26.37 | 3.249 | 8 24 24.6 | 8.590 | (830.) |
| | | | | +9° bis +15° | | Suppl.-Bd. XI |
| 524 | 6. 7 | 10 50 21.39 | 3.144 | +10 30 8.3 | - 19.135 | (806.) Ll. B. R. |
| 525 | 7. 8 | 11 0 17.37 | 3.130 | 9 50 4.3 | 19.378 | (806.) Ll. B. |
| 526 | 7. 8 | 11 4 54.22 | 3.130 | 10 40 51.0 | 19.478 | (806.) Ll. B. |
| 527 | 7. 8 | 11 11 19.22 | 3.123 | 10 34 13.6 | 19.604 | (806.) Ll. B. R |
| 528 | 7 | 11 14 3.98 | 3.116 | 9 59 26.9 | 19.654 | (806.) B. R. |
| 529 | 9 | 11 16 43.27 | 3.115 | 10 18 51.4 | 19.698 | (806.) |
| 530 | 8 | 11 27 52.13 | 3.103 | 10 24 34.9 | 19.857 | (806.) B. |
| 531 | 7. 8 | 11 29 59.80 | 3.098 | 9 5 24.0 | 19.883 | (806.) Ll. B. R. |
| 632 | 9 | 11 31 40.72 | 3.097 | 9 46 19.0 | 19.902 | (806.) B. R. |
| 533 | 6. 7 | 11 32 57.79 | 3.096 | 9 30 13.0 | 19.915 | I. Ll. B. |
| 534 | 8 | 11 33 45.37 | 3.096 | 9 50 42.7 | 19.924 | II. |
| 535 | 8 | 11 37 9.92 | 3.094 | 9 50 55.5 | 19.955 | (863.) |
| 536 | 8 | 11 38 20.49 | 3.094 | 9 59 1.6 | 19.965 | (863.) |
| 537 | 8 | 11 42 46.47 | 3.089 | 10 36 41.1 | 19.998 | III. Ll. B. |
| 538 | 8. 9 | 11 44 19.46 | 3.087 | 10 2 27.4 | 20.008 | (863.) |
| 539 | 8 | 11 45 9.67 | 3.085 | 9 20 22.8 | 20.013 | (863.) Ll. B |
| 540 | 8 | 11 45 40.84 | 3.086 | 10 53 5.6 | 20.016 | (818.) |

I. (806) +0.02 +1.5; (807) +0.12 -0.3; (863) -0.13 -1.3.. II. (806) +0.07 +2.9; (863) -0.06 -2.9. III. (806) -0.02 +0.5; (818) +0.02 -0.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 541 | 9. 10 | 11 46 26.07 | + 3.083 | + 9 11 40.3 | - 20.020 | (816.) Ll. B. |
| 542 | 8 | 11 46 25.94 | 3.085 | 10 43 48.3 | 20.020 | I. Ll. |
| 543 | 8. 9 | 11 46 28.46 | 3.084 | 9 44 14.1 | 20.020 | II. |
| 544 | 7. 8 | 11 46 40.59 | 3.085 | 10 53 5.6 | 20.021 | (806.) Ll. B. |
| 545 | 8. 9 | 11 47 45.60 | 3.085 | 9 57 52.8 | 20.027 | (863.) B. |
| 546 | 8 | 11 49 11.70 | 3.083 | 11 21 45.9 | 20.033 | (819.) Ll. B. |
| 547 | 8. 9 | 11 50 59.18 | 3.080 | 10 11 5.9 | 20.039 | (863.) |
| 548 | 8 | 11 55 16.67 | 3.075 | 9 33 7.4 | 20.051 | III. |
| 549 | 8. 9 | 11 55 39.71 | 3.074 | 9 8 42.7 | 20.051 | (863.) |
| 550 | 8. 9 | 11 57 14.79 | 3.073 | 9 33 0.7 | 20.053 | (806.) B. R. |
| 551 | 7. 8 | 11 57 23.51 | 3.074 | 10 4 36.7 | 20.054 | IV. Ll. B. |
| 552 | 3. 4 | 11 57 33.76 | 3.072 | 9 34 0.1 | 20.054 | V. B. |
| 553 | 9 | 11 59 36.02 | 3.071 | 11 22 16.9 | 20.055 | (818.) Ll. B. R. |
| 554 | 8. 9 | 12 1 57.76 | 3.068 | 12 2 49.6 | 20.055 | (819.) Ll. B |
| 555 | 8. 9 | 12 3 38.81 | 3.067 | 9 26 9.2 | 20.053 | VI. Ll. B. R. |
| 556 | 8 | 12 5 7.49 | 3.063 | 11 56 48.3 | 20.050 | (819.) Ll. B. R. |
| 557 | 6 | 12 5 33.80 | 3.063 | 11 40 40.6 | 20.049 | (819.) Ll. B. |
| 558 | 5 | 12 5 47.53 | 3.064 | 11 5 55.2 | 20.048 | (819.) Ll. B. |
| 559 | 9 | 12 6 6.25 | 3.064 | 10 34 41.1 | 20.048 | (806.) |
| 560 | 7. 8 | 12 6 11.14 | 3.065 | 9 48 32.9 | 20.047 | (818.) Ll. |
| 561 | 9 | 12 6 18.67 | 3.065 | 9 55 44.1 | 20.047 | (818.) Ll. |
| 562 | 8 | 12 8 3.68 | 3.061 | 11 42 5.6 | 20.042 | (819.) Ll. B. |
| 563 | 9 | 12 10 0.05 | 3.058 | 12 2 59.4 | 20.036 | (819.) B. |
| 564 | 9 | 12 10 50.82 | 3.060 | 9 31 11.1 | 20.033 | VII. Ll. |
| 565 | 10 | 12 10 55.59 | 3.057 | 11 42 7.5 | 20.032 | (819.) S. |
| 566 | 8 | 12 11 44.75 | 3.083 | 10 17 50.6 | 20.028 | (863.) R. |
| 567 | 8 | 14 14 37.02 | 3.054 | 10 40 44.7 | 20.014 | VIII. Ll. B. R. |

I. (806) -0.08 +1.9; (807) +0.07 -1.8. II. (806) -0.09 +2.4; (863) +0.09 -2.4. III. (806) -0.04 +0.3; (807) +0.05 -0.2. IV. (806) -0.09 +0.3; (807) +0.04 -1.2; (818) +0.06 +0.8. V. (806) +0.08 +1.7; (863) -0.07 -1.7. VI. (806) -0.02 +1.1; (807) +0.06 +0.7; (863) -0.03 -1.7. VII. (806) -0.04 +0.2; (807) +0.01 -0.1. VIII. (806) -0.04 -0.8; (807) +0.06 -2.1; (819) -0.03 +3.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 568 | 8 | 12 14 44.28 | + 3.055 | +10 46 35.0 | - 20.014 | I. Ll. B. R. |
| 569 | 8 | 12 16 12.95 | 3.056 | 9 10 35.7 | 20.005 | II. Ll. B. |
| 570 | 8 | 12 16 38.92 | 3.053 | 10 20 26.8 | 20.002 | (806.) B. |
| 571 | 9 | 12 16 52.43 | 3.050 | 12 0 2.8 | 20.000 | (819.) Ll. B. |
| 572 | 9 | 12 17 10.62 | 3.050 | 11 33 6.6 | 19.998 | (819.) B. R. |
| 573 | 8. 9 | 12 19 55.33 | 3.045 | 11 51 28.1 | 19.978 | (819.) B. |
| 574 | 6 | 12 20 4.35 | 3.051 | 9 26 30.4 | 19.978 | III. B. |
| 575 | 9 | 12 21 52.38 | 3.043 | 11 58 9.2 | 19.963 | (819.) Ll. B. |
| 576 | 9 | 12 23 1.92 | 3.050 | 9 21 6.3 | 19.954 | (863.) |
| 577 | 8. 9 | 12 25 9.80 | 3.045 | 9 52 16.6 | 19.934 | (863.) B. |
| 578 | 8 | 12 26 23.99 | 3.046 | 9 24 57.7 | 19.922 | (863.) B. |
| 579 | 9 | 12 26 43.20 | 3.042 | 10 30 3.7 | 19.919 | (819.) |
| 580 | 8 | 12 27 4.19 | 3.045 | 9 23 17.5 | 19.915 | (863.) Ll. B. |
| 581 | 8. 9 | 12 28 28.38 | 3.041 | 10 3 32.9 | 19.900 | (863.) |
| 582 | 8. 9 | 12 28 53.09 | 3.036 | 11 33 30.0 | 19.895 | (819.) Ll. B. |
| 583 | 8. 9 | 12 29 19.17 | 3.040 | 10 25 46.5 | 19.891 | (863.) B. |
| 584 | 9 | 12 30 28.61 | 3.038 | 10 38 31.4 | 19.877 | (819.) B. |
| 585 | 8 | 12 30 33.31 | 3.039 | 10 24 42.5 | 19.876 | IV. Ll. B. |
| 586 | 9 | 12 32 21.07 | 3.034 | 11 11 3.4 | 19.855 | (819.) S. |
| 587 | 7. 8 | 12 32 38.41 | 3.039 | 9 21 10.0 | 19.851 | V. Ll. B. R. |
| 588 | 8. 9 | 12 33 4.20 | 3.031 | 11 45 22.8 | 19.846 | (819.) R. |
| 589 | 6 | 12 33 18.62 | 3.038 | 9 39 16.2 | 19.843 | VI. Ll. B. |
| 590 | 8. 9 | 12 33 48.03 | 3.040 | 9 4 55.1 | 19.837 | (863.) |
| 591 | 6. 7 | 12 34 14.23 | 3.030 | 10 42 35.1 | 19.831 | (807.) Ll. B. |
| 592 | 9 | 12 34 25.31 | 3.037 | 9 49 36.7 | 19.829 | (807.) B. |
| 593 | 8 | 12 35 14.12 | 3.036 | 9 37 3.3 | 19.818 | (863.) B. |
| 594 | 8 | 12 36 27.92 | 3.026 | 11 44 42.9 | 19.802 | (819.) B. |

I. (806) -0.07 +0.1; (807) +0.10 -3.0; (819) -0.04 +3.0. II. (806) +0.05 +2.8; (807) +0.07 -0.5; (863) -0.11 -2.2. III. (807) -0.02 +2.6; (863) +0.03 -2.5. IV. (807) +0.09 +1.4; (863) -0.08 -1.3. V. (807) +0.11 +1.9; (863) -0.11 -1.8. VI. (807) +0.03 +2.3; (863) -0.03 -2.3.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850. | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 595 | 9 | 12 38 44.74 | + 3.033 | + 9 36 24.8 | - 19.769 | I. |
| 596 | 7. 8 | 12 40 45.80 | 3.028 | 9 55 50.6 | 19.738 | II. B. |
| 597 | 8. 9 | 12 41 10.13 | 3.029 | 10 0 32.6 | 19.732 | III. Ll. B. |
| 598 | 9 | 12 42 19.81 | 3.020 | 11 48 56.8 | 19.714 | (819.) |
| 599 | 9. 10 | 12 42 27.13 | 3.030 | 9 23 17.0 | 19.712 | (817.) |
| 600 | 8 | 12 42 49.99 | 3.024 | 10 39 7.6 | 19.706 | IV. B. |
| 601 | 8 | 12 43 8.32 | 3.028 | 9 41 32.7 | 19.701 | (863.) |
| 602 | 9 | 12 45 9.05 | 3.015 | 12 1 34.4 | 19.666 | (819.) |
| 603 | 8. 9 | 12 45 39.20 | 3.026 | 9 34 49.7 | 19.657 | V. B. |
| 604 | 9 | 12 46 41.52 | 3.013 | 12 7 43.1 | 19.640 | (819.) |
| 605 | 8 | 12 46 45.44 | 3.026 | 9 19 7.5 | 19.635 | (863.) B. |
| 606 | 8 | 12 47 57.47 | 3.014 | 11 31 53.4 | 19.617 | (819.) |
| 607 | 8 | 12 49 3.09 | 3.021 | 9 58 15.8 | 19.598 | (807.) B. |
| 608 | 8 | 12 49 13.92 | 3.014 | 11 19 23.4 | 19.594 | (819.) Ll. B. R. |
| 609 | 8. 9 | 12 49 38.59 | 3.008 | 12 14 6.6 | 19.587 | (819.) Ll. |
| 610 | 6. 7 | 12 49 40.66 | 3.025 | 9 6 25.7 | 19.586 | VI. B. R. |
| 611 | 7 | 12 50 19.33 | 3.019 | 10 9 10.9 | 19.573 | (807.) Ll. B. |
| 612 | 9 | 12 50 46.10 | 3.016 | 10 34 12.4 | 19.565 | VII. Ll. B. |
| 613 | 8 | 12 51 41.08 | 3.014 | 10 48 54.5 | 19.548 | (819.) Ll. B. |
| 614 | 6 | 12 52 14.01 | 3.016 | 10 20 13.8 | 19.356 | (807.) B. |
| 615 | 9 | 12 53 29.24 | 3.020 | 9 23 41.0 | 19.511 | (807.) Ll. B. |
| 616 | 8 | 12 53 55.04 | 3.010 | 10 56 48.0 | 19.503 | (819.) S. |
| 617 | 9 | 12 54 25.59 | 3.016 | 9 54 4.0 | 19.492 | (807.) B. |
| 618 | 3 | 12 54 42.30 | 3.005 | 11 46 3.8 | 19.486 | (819.) Ll. B. R. |
| 619 | 8. 9 | 12 55 26.86 | 3.007 | 11 14 56.1 | 19.471 | (819.) B. |
| 620 | 9 | 12 55 47.80 | 3.010 | 10 42 39.6 | 19.463 | (319.) B. |
| 621 | 8 | 12 56 58.12 | 3.016 | 9 27 35.1 | 19.438 | (807.) Ll. B. |

I. (807) +0.03 +2.6; (863) -0.02 -2.6. II. (807) +0.11 +2.2; (863) -0.10 -2.2. III. (807) +0.07 +2.3; (863) -0.06 -2.3. IV. (819) +0.03 0.0; (863) -0.02 —. V. (807) +0.04 +1.9; (863) -0.04 -1.8. VI. (807) -0.01 +0.7; (817) +0.02 -0.6. VII. (807) +0.08 -1.6; (819) -0.07 +1.7.



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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 622 | 8 | 12 57 57.51 | + 3.005 | + 11 3 48.8 | - 19.417 | (819.) Ll. B. |
| 623 | 8 | 12 58 58.86 | 3.002 | 11 30 58.5 | 19.394 | (819.) |
| 624 | 9 | 12 59 2.88 | 3.023 | 9 15 59.0 | 19.393 | (807.) |
| 625 | 8 | 13 0 15.60 | 3.010 | 9 59 37.4 | 19.365 | (807.) Ll. B. |
| 626 | 8. 9 | 13 0 54.95 | 3.006 | 10 26 3.3 | 19.350 | (807.) B. |
| 627 | 5. 6 | 13 1 41.75 | 3.003 | 10 49 28.1 | 19.332 | (807.) Ll. B. |
| 628 | 9 | 13 3 25.65 | 3.010 | 9 35 52.4 | 19.292 | (807.) B. |
| 629 | 8. 9 | 13 5 52.13 | 3.007 | 9 35 37.5 | 19.231 | (807.) B. |
| 630 | 8 | 13 6 33.51 | 2.999 | 10 34 13.6 | 19.214 | (807.) Ll. |
| 631 | 8 | 13 11 43.99 | 2.997 | 10 44 32.8 | 19.080 | (807.) |
| 632 | 7. 8 | 13 12 1.84 | 3.003 | 9 26 10.7 | 19.072 | (807.) Ll. |
| 633 | 7 | 13 12 26.43 | 3.004 | 9 16 44.1 | 19.062 | (807.) Ll. |
| 634 | 9 | 13 13 8.78 | 2.999 | 9 42 48.9 | 19.041 | (807.) B. |
| 635 | 9 | 13 13 58.78 | 3.001 | 9 29 30.0 | 19.022 | (807.) B. |
| 636 | 5 | 15 33 51.04 | 2.885 | 9 47 20.2 | 11.940 | (854.) Ll. B. |
| 637 | 5. 6 | 15 35 3.89 | 2.872 | 10 8 5.3 | 11.854 | (854.) Ll. B. |
| 638 | 8 | 15 35 30.14 | 2.880 | 10 0 1.8 | 11.823 | (854.) Ll. B. |
| 639 | 6. 7 | 15 36 19.99 | 2.897 | 9 5 59.1 | 11.764 | (854.) B. |
| 640 | 5 | 15 39 31.82 | 2.874 | 10 15 18.9 | 11.537 | (854.) B. |
| 641 | 7. 8 | 15 42 4.66 | 2.866 | 10 37 — | | (854.) Ll. B. |
| 642 | 6 | 15 42 9.77 | 2.866 | 10 32 34.0 | 11.437 | (854.) Ll. B. |
| 643 | 7 | 15 44 15.92 | 2.867 | 10 25 45.1 | 11.195 | (854.) Ll. B. |
| 644 | 7. 8 | 15 50 44.11 | 2.864 | 10 23 8.6 | 10.721 | (854.) Ll. B |
| 645 | 7 | 15 57 36.53 | 2.866 | 10 3 29.1 | 10.204 | (873.) B. |
| 646 | 7. 8 | 15 58 56.59 | 2.888 | 9 0 15.2 | 10.107 | (854.) Ll. B. |
| 647 | 9 | 16 1 16.72 | 2.859 | 10 21 55.9 | 9.930 | (854.) B. |
| 648 | 8 | 16 2 39.09 | 2.841 | 11 15 — | | (873.) Ll. |
| 649 | 8. 9 | 16 3 33.94 | 2.875 | 9 28 22.9 | 9.756 | (854.) S. |
| 650 | 8 | 16 8 41.93 | 2.853 | 10 24 44.6 | 9.360 | (854.) |
| 651 | 7. 8 | 16 9 6.33 | 2.874 | 9 27 15.5 | 9.330 | (854.) B. |
| 652 | 8. 9 | 16 12 34.00 | 2.859 | 10 4 49.8 | 9.061 | (854.) B. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 653 | 9 | 16 14 1.39 | + 2.836 | + 11 5 4.1 | - 8.948 | (873.) |
| 654 | 7. 8 | 16 17 35.10 | 2.880 | 9 0 23.5 | 8.666 | (854.) B. |
| 655 | 7. 8 | 16 18 31.09 | 2.879 | 9 2 28.0 | 8.592 | (854.) B. |
| 656 | 8. 9 | 16 19 31.55 | 2.869 | 9 27 1.4 | 8.519 | (854.) |
| 657 | 9 | 16 39 24.94 | 2.831 | 10 49 11.1 | 6.908 | (873.) |
| 658 | 7 | 16 41 23.37 | 2.848 | 10 1 52.4 | 6.746 | I. Ll. |
| 659 | 7. 8 | 16 54 12.31 | 2.862 | 9 16 6.2 | 5.679 | (854.) R. |
| 660 | 9 | 17 0 38.49 | 2.863 | 9 8 47.8 | 5.137 | (874.) |
| 661 | 8 | 17 5 7.19 | 2.842 | 9 56 47.3 | 4.757 | II. Ll. B. |
| 662 | 3. 4 | 17 5 23.50 | 2.824 | 10 46 12.1 | 4.742 | (844.) Ll. R. |
| 663 | 7. 8 | 17 6 17.14 | 2.859 | 9 16 43.4 | 4.657 | III. B. |
| 664 | 8 | 17 7 47.94 | 2.864 | 9 1 49.4 | 4.528 | (874.) |
| 665 | 8 | 17 8 29.21 | 2.835 | 9 23 47.1 | 4.469 | IV. S. |
| 666 | 8 | 17 9 40.53 | 2.840 | 10 — — | | (825.) |
| 667 | 7. 8 | 17 26 37.58 | 2.852 | 9 23 52.4 | 2.911 | (844.) Ll. |
| 668 | 8. 9 | 17 27 8.50 | 2.854 | 9 19 11.4 | 2.867 | (844.) |
| 669 | 6. 7 | 17 27 47.62 | 2.849 | 9 31 37.8 | 2.810 | (844.) Ll. B. |
| 670 | 6. 7 | 17 29 7.89 | 2.841 | 9 49 7.4 | 2.694 | (844.) Ll. B. |
| 671 | 9. 10 | 17 29 46.15 | 2.841 | 9 49 54.4 | 2.639 | (844.) |
| 672 | 9 | 17 30 0.29 | 2.838 | 9 56 48.2 | 2.618 | (844.) |
| 673 | 9. 10 | 17 31 8.53 | 2.849 | 9 31 36.5 | 2.520 | (844.) |
| 674 | 8. 9 | 17 31 42.61 | 2.817 | 10 48 40.8 | 2.470 | (844.) B. |
| 675 | 9 | 17 35 13.32 | 2.824 | 10 31 13.3 | 2.165 | (844.) |
| 676 | 6 | 17 43 3.19 | 2.838 | 9 53 54.7 | 1.469 | (844.) Ll. B. |
| 677 | 8 | 17 45 18.47 | 2.834 | 10 4 25.6 | 1.285 | (844.) B. |
| 678 | 9. 10 | 17 46 20.18 | 2.812 | 10 58 8.2 | 1.194 | (844.) B. |
| 679 | 9. 10 | 17 46 51.26 | 2.816 | 10 46 46.9 | 1.149 | (844.) |
| 680 | 9. 10 | 17 47 48.01 | 2.817 | 10 44 47.4 | 1.066 | (844.) B. |

I. (854) +0.02 -1.5; (873) -0.01 +1.5. II. (825) +0.07 +2.0; (844) -0.07 -2.1.
III. (825) -0.01 -1.7; (874) +0.02 +1.7. IV. (825) +0.07 -1.4; (843) +0.07 —;
(844 (-0.15 +1.5.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 681 | 9 | 17 47 55.71 | + 2.817 | + 10 44 21.1 | - 1.056 | (844.) B. |
| 682 | 9 | 17 50 48.37 | 2.847 | 9 30 37.4 | 0.805 | (844.) |
| 683 | 9. 10 | 17 52 0.16 | 2.824 | 10 26 15.6 | 0.700 | (844.) B. |
| 684 | 8 | 17 52 36.05 | 2.828 | 10 18 34.3 | 0.648 | (844.) B. |
| 685 | 9 | 17 53 50.65 | 2.847 | 9 29 55.3 | 0.539 | (844.) B. |
| 686 | 9. 10 | 17 56 55.45 | 2.838 | 9 51 47.2 | 0.270 | (844.) |
| 687 | 9. 10 | 17 58 7.10 | 2.832 | 10 6 52.9 | 0.165 | (844.) |
| 688 | 8. 9 | 17 58 17.81 | 2.830 | 10 13 3.9 | -0.150 | (344.) |
| 689 | 2 | 18 0 14.17 | 2.846 | 9 32 51.1 | +0.019 | (844.) B. R. |
| 690 | 6. 7 | 18 0 23.49 | 2.847 | 9 28 49.7 | 0.033 | (844.) B. R. |
| 691 | 10 | 18 1 11.33 | 2.811 | 10 58 13.9 | 0.103 | (844.) B. |
| 692 | 9. 10 | 18 2 47.52 | 2.817 | 10 45 3.8 | 0.243 | (844.) |
| 693 | 8. 9 | 18 7 30.63 | 2.811 | 11 0 49.7 | 0.656 | (844.) B. |
| 694 | 10 | 18 9 33.25 | 2.830 | 10 13 6.5 | 0.835 | (844.) |
| 695 | 9 | 18 12 45.99 | 2.833 | 10 6 31.1 | 1.115 | (844.) B. |
| 696 | 8. 9 | 18 15 17.18 | 2.852 | 9 16 3.9 | 1.336 | (844.) S. |
| 697 | 7 | 18 15 36.96 | 2.842 | 9 42 33.5 | 1.364 | (844.) B. |
| 698 | 7 | 18 17 34.95 | 2.833 | 10 6 23.2 | 1.536 | (844.) Ll. |
| 699 | 8 | 18 21 12.70 | 2.809 | 11 7 21.8 | 1.847 | (844.) Ll. B. |
| 700 | 8. 9 | 18 21 21.27 | 2.808 | 11 8 31.6 | 1.863 | (844.) B. |
| 701 | 9 | 18 29 20.61 | 2.832 | 10 10 11.3 | 2.560 | (844.) |
| 702 | 8. 9 | 18 30 18.90 | 2.831 | 10 15 7.9 | 2.644 | (844.) Ll. |
| 703 | 5. 6 | 18 56 57.38 | 2.816 | 11 5 2.9 | 4.933 | (850.) Ll. |
| 704 | 8 | 19 4 49.28 | 2.818 | 11 6 19.2 | 5.597 | (850.) B. |
| 705 | 8 | 19 11 24.36 | 2.860 | 9 20 26.8 | 6.147 | (850.) |
| 706 | 7. 8 | 19 18 20.09 | 2.826 | 11 15 — | 6.723 | (850.) B. |
| 707 | 8. 9 | 19 19 48.50 | 2.872 | 9 58 37.2 | 6.843 | (849.) |
| 708 | 9 | 19 24 49.18 | 2.847 | 10 8 17.8 | 7.258 | (850.) |
| 709 | 8 | 19 28 55.46 | 2.849 | 10 11 6.5 | 7.588 | (850.) |
| 710 | 8 | 19 31 54.68 | 2.856 | 9 53 40.9 | 7.830 | (850.) |
| 711 | 9 | 19 32 6.27 | 2.874 | 9 4 29.2 | 7.844 | (883.) B. R. |

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 712 | 7 | 19 38 51.16 | + 2.837 | + 10 53 40.5 | + 8.384 | (850.) |
| 713 | 8 | 19 39 32.05 | 2.841 | 10 43 4.5 | 8.438 | (850.) |
| 714 | 7 | 19 40 40.34 | 2.852 | 10 14 57.8 | 8.527 | (850.) |
| 715 | 8 | 19 41 58.81 | 3.842 | 10 41 38.8 | 8.632 | (850.) B. |
| 716 | 4 | 19 43 50.85 | 2.858 | 10 2 37.0 | 8.779 | (850.) B. R. |
| 717 | 8 | 19 45 37.10 | 2.843 | 10 43 40.4 | 8.918 | (850.) |
| 718 | 7. 8 | 19 45 38.03 | 2.843 | 10 44 26.3 | 8.919 | (850.) |
| 719 | 6 | 19 47 24.20 | 2.874 | 9 22 40.2 | 9.058 | I. Ll. B. |
| 720 | 8. 9 | 19 47 33.83 | 2.865 | 9 45 14.5 | 9.071 | (850.) |
| 721 | 5. 6 | 19 48 46.31 | 2.865 | 9 48 49.8 | 9.165 | (850.) Ll. |
| 722 | 8 | 19 49 23.89 | 2.863 | 9 53 20.0 | 9.214 | (850.) |
| 723 | 7 | 19 53 49.72 | 2.834 | 11 18 — | | (850.) B. |
| 724 | 8. 9 | 19 54 13.98 | 2.850 | 10 41 4.7 | 9.587 | (850.) |
| 725 | 8 | 19 58 5.75 | 2.853 | 10 35 51.2 | 9.883 | (850.) S. |
| 726 | 8 | 19 59 58.39 | 2.868 | 9 53 7.4 | 10.024 | (859.) |
| 727 | 8 | 20 0 38.89 | 2.870 | 9 50 12.5 | 10.076 | (859.) |
| 728 | 7. 8 | 20 5 19.05 | 2.852 | 10 48 44.0 | 10.427 | (850.) |
| 729 | 8 | 20 5 24.35 | 2.849 | 10 55 31.9 | 10.433 | (850.) Ll. |
| 730 | 8 | 20 43 33.97 | 2.912 | 9 53 12.3 | 13.126 | (833.) |
| 731 | 9 | 20 50 40.05 | 2.909 | 9 17 55.0 | 13.592 | (833.) |
| | | | | -9° bis -15° | | Suppl.-Bd XII. |
| 732 | 8 | 9 46 34.62 | 2.942 | - 9 52 56.8 | - 16.750 | (804.) B. |
| 733 | 8 | 9 52 15.25 | 2.946 | 9 59 10.1 | 16.019 | (804.) B. |
| 734 | 6 | 9 55 59.18 | 2.949 | 10 0 17.7 | 17.189 | (804.) B. |
| 735 | 8 | 9 57 18.72 | 2.936 | 11 0 11.3 | 17.249 | (804.) Ll. B. |
| 736 | 8. 9 | 9 57 57.91 | 2.945 | 10 28 25.5 | 17.278 | (804.) Ll. B. |
| 737 | 8 | 9 58 30.31 | 2.935 | 11 17 — | 17.302 | (804.) B. |
| 738 | 8 | 10 0 26.76 | 2.949 | 10 19 10.1 | 17.387 | (804.) B. |
| 739 | 7. 8 | 10 1 5.74 | 2.949 | 10 23 4.0 | 17.415 | (804.) B. |

I. (850) -0.01 +2.6; (859) +0.02 -2.6.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 740 | 7 | 10 2 16.39 | + 2.941 | - 11 9 32.7 | - 17.486 | (804.) Ll. B. |
| 741 | 8. 9 | 10 4 55.52 | 2.953 | 10 23 51.7 | 17.578 | (804.) Ll. B. |
| 742 | 8. 9 | 10 5 28.31 | 2.952 | 10 27 42.7 | 17.602 | (804.) Ll. B. |
| 743 | 7 | 10 7 50.84 | 2.948 | 11 2 46.8 | 17.700 | (804.) Ll. |
| 744 | 8. 9 | 10 8 44.78 | 2.953 | 10 43 13.8 | 17.736 | (804.) |
| 745 | 7 | 10 11 36.26 | 2.959 | 10 25 50.8 | 17.854 | (804.) B. |
| 746 | 7. 8 | 10 11 53.19 | 2.957 | 10 37 31.5 | 17.864 | (804.) B. |
| 747 | 7. 8 | 10 44 49.18 | 2.993 | 10 18 52.6 | 18.285 | (804.) Ll. B. |
| 748 | 8. 9 | 10 45 51.91 | 2.996 | 9 57 26.6 | 18.014 | (804.) Ll. B. |
| 749 | 8 | 11 2 13.95 | 3.009 | 10 30 18.4 | 19.421 | (804.) B |
| 750 | 7 | 12 4 42.38 | 3.076 | 10 49 29.8 | 20.051 | (809.) Ll. B. |
| 751 | 8. 9 | 12 5 14.40 | 3.077 | 11 57 20.1 | 20.050 | (820.) Ll. B. |
| 752 | 9 | 12 6 43.42 | 3.079 | 12 10 47.3 | 20.046 | (820.) Ll. B. |
| 753 | 9. 10 | 12 7 11.46 | 3.079 | 11 47 39.4 | 20.044 | (820.) B. |
| 754 | 9 | 12 9 37.18 | 3.082 | 11 26 29.8 | 20.038 | (820.) Ll. B. |
| 755 | 7 | 12 11 16.47 | 3.085 | 12 42 25.3 | 20.031 | (820.) Ll. B. |
| 756 | 8. 9 | 12 14 49.80 | 3.087 | 10 43 36.8 | 20.013 | I. Ll. |
| 757 | 9 | 12 14 58.95 | 3.087 | 10 48 35.0 | 20.012 | (820.) Ll. B. |
| 758 | 9 | 12 18 13.69 | 3.091 | 11 3 32.5 | 19.991 | (820.) B. |
| 759 | 9. 10 | 12 18 52.92 | 3.096 | 12 41 41.0 | 19.996 | (820.) |
| 760 | 9 | 12 20 4.66 | 3.097 | 12 45 36.5 | 19.978 | (820.) Ll. |
| 761 | 8. 9 | 12 21 19.36 | 3.098 | 12 28 8.6 | 19.967 | (820.) Ll. B. |
| 762 | 5 | 12 22 20.94 | 3.099 | 12 32 41.1 | 19.959 | (820.) Ll. B. B. |
| 763 | 9. 10 | 12 24 58.45 | 3.101 | 11 57 15 5 | 19.936 | (820.) B. |
| 764 | 7. 8 | 12 25 50.98 | 3.100 | 10 42 47.8 | 19.928 | (809.) B |
| 765 | 9. 10 | 12 26 16.61 | 3.103 | 12 4 53.4 | 19.923 | (820) Ll. |
| 766 | 9 | 12 30 47.10 | 3.104 | 10 42 42.1 | 19.874 | (809.) B. |
| 767 | 9 | 12 31 10.23 | 3.104 | 10 42 43.0 | 19.869 | (821.) |
| 768 | 5. 6 | 12 32 47.46 | 3.115 | 13 16 32.2 | 19.850 | (867.) Ll. B. |
| 769 | 6 | 12 34 34.84 | 3.123 | 14 26 50.2 | 19.827 | II. Ll. B. |

I. (820) -0.09 +1.2; (821) +0.09 -1.3. II. (866) +0.07 —; (867) +0.07 0.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 770 | 6 | 12 35 43.47 | + 3.119 | - 13 2 10.4 | - 19.812 | (867.) Ll. R. |
| 771 | 8. 9 | 12 35 48.08 | 3.113 | 11 46 8.6 | 19.810 | (820.) |
| 772 | 8 | 12 36 36.81 | 3.110 | 10 29 46.9 | 19.800 | (809.) B. |
| 773 | 7 | 12 37 40.84 | 3.126 | 14 41 13.8 | 19.785 | (866.) Ll. B. |
| 774 | 6. 7 | 12 38 9.94 | 3.128 | 14 42 51.0 | 19.778 | (866.) Ll. B. |
| 775 | 8 | 12 38 35.60 | 3.121 | 12 34 28.1 | 19.771 | (820.) |
| 776 | 6 | 12 38 39.56 | 3.129 | 14 37 5.9 | 19.770 | (866.) Ll. B. |
| 777 | 6. 7 | 12 40 40.05 | 3.132 | 14 54 8.4 | 19.740 | (866.) Ll. |
| 778 | 6 | 12 41 55.74 | 3.132 | 14 16 40.3 | 19.720 | (867.) Ll. B. |
| 779 | 9. 10 | 12 42 14.32 | 3.124 | 12 14 33.4 | 19.715 | (820.) Ll. B. |
| 780 | 8. 9 | 12 43 20.43 | 3.117 | 10 26 57.2 | 19.697 | (809.) |
| 781 | 8 | 12 43 52.58 | 3.138 | 14 52 28.3 | 19.688 | (867.) |
| 782 | 6. 7 | 12 44 7.42 | 3.133 | 13 48 16.8 | 19.684 | (867.) |
| 783 | 8. 9 | 12 44 16.62 | 3.123 | 12 33 23.2 | 19.691 | (820.) |
| 784 | 6. 7 | 12 45 17.44 | 3.136 | 14 9 5.1 | 19.664 | (867.) Ll. B. |
| 785 | 8. 9 | 12 45 30.98 | 3.117 | 10 0 19.4 | 19.660 | I. B. |
| 786 | 5 | 12 46 0.38 | 3.142 | 14 30 48.5 | 19.616 | II. Ll. B. |
| 787 | 8. 9 | 12 46 13.49 | 3.122 | 10 29 42.4 | 19.612 | III. B. |
| 788 | 6 | 12 48 33.84 | 3.140 | 14 8 7.3 | 19.606 | (867.) Ll. B. |
| 789 | 7. 8 | 12 50 3.84 | 3.140 | 13 32 3.4 | 19.579 | (867.) B. |
| 790 | 6 | 12 50 11.77 | 3.143 | 14 10 25.0 | 19.576 | (867.) Ll. B. |
| 791 | 9. 10 | 12 57 17.95 | 3.141 | 11 58 29.8 | 19.432 | (820.) Ll. |
| 792 | 6 | 12 57 32.40 | 3.154 | 14 6 46.0 | 19.426 | (867.) |
| 793 | 9 | 12 57 42.10 | 3.151 | 11 58 56.1 | 19.422 | (820.) Ll. B. |
| 794 | 9 | 12 58 39.70 | 3.135 | 10 39 32.4 | 19.401 | (821.) |
| 795 | 7 | 12 59 45.74 | 3.152 | 13 28 9.3 | 19.376 | (867.) Ll. B. |
| 796 | 7. 8 | 13 0 6.00 | 3.161 | 14 31 24.2 | 19.369 | IV. |
| 797 | 7. 8 | 13 0 7.47 | 3.153 | 13 29 8.7 | 19.368 | (867.) Ll. B. |
| 798 | 9 | 13 1 8.66 | 3.145 | 11 45 43.3 | 19.345 | (820.) B. |

I. (809) -0.02 +0.2; (821) +0.01 -0.3. II. (866) +0.04 +0.5; (867) -0.04 -0.5.
III. (809) -0.12 +1.3; (821) -0.12 -1.2. IV. (866) +0.05 +1.0; (867) -0.04 -0.9.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 799 | 9. 10 | 13 2 19.40 | + 3.149 | - 12 17 22.4 | - 19.317 | (820.) |
| 800 | 7. 8 | 13 2 24.56 | 3.165 | 14 33 26.3 | 19.315 | (867.) B. |
| 801 | 6 | 13 3 19.37 | 3.157 | 13 26 35.1 | 19.294 | (867.) Ll. |
| 802 | 8 | 13 3 29.99 | 3.133 | 9 42 52.1 | 19.290 | (821.) |
| 803 | 8 | 13 4 8.40 | 3.147 | 11 36 10.7 | 19.275 | (820.) B. |
| 804 | 9 | 13 4 49.16 | 3.142 | 10 47 0.3 | 19.257 | (821.) B. |
| 805 | 7. 8 | 13 5 18.46 | 3.168 | 14 39 44.0 | 19.245 | (867.) Ll. B. |
| 806 | 7 | 13 5 27.68 | 3.153 | 12 40 12.5 | 19.241 | (820.) Ll. B. |
| 807 | 7 | 13 5 44.84 | 3.169 | 14 36 8.1 | 19.234 | (867.) Ll. B. |
| 808 | 9 | 13 5 59.66 | 3.143 | 10 45 21.6 | 19.228 | (821.) Ll. B. |
| 809 | 7 | 13 6 14.34 | 3.161 | 13 29 11.7 | 19.222 | (867.) Ll. B. |
| 810 | 6 | 13 7 59.74 | 3.151 | 11 33 13.1 | 19.178 | (820.) Ll. B. |
| 811 | 9 | 13 8 4.86 | 3.143 | 10 26 38.1 | 19.176 | (821.) Ll. B. |
| 812 | 8 | 13 8 18.89 | 3.153 | 11 49 27.6 | 19.169 | (820.) Ll. B. |
| 813 | 9 | 13 9 14.64 | 3.170 | 11 19 0.4 | 19.146 | (820.) |
| 814 | 6 | 13 9 36.03 | 3.076 | 14 45 12.7 | 19.137 | I. Ll. B. |
| 815 | 6 | 13 10 56.04 | 3.150 | 11 13 19.9 | 19.102 | (820.) Ll. B. |
| 816 | 8 | 13 11 16.90 | 3.165 | 13 57 8.6 | 19.092 | (867.) Ll. B. |
| 817 | 8 | 13 11 18.92 | 3.178 | 14 46 32.0 | 19.091 | (866.) B. |
| 818 | 8 | 13 11 33.80 | 3.147 | 10 21 26.4 | 19.084 | (821.) Ll. |
| 819 | 7. 8 | 13 11 42.36 | 3.157 | 11 41 31.5 | 19.081 | (820.) Ll. B. |
| 820 | 7. 8 | 13 12 41.58 | 3.175 | 13 59 9.5 | 19.054 | (867.) Ll. |
| 821 | 8. 9 | 13 12 51.52 | 3.150 | 10 39 38.1 | 19.050 | (821.) |
| 822 | 6 | 13 13 36.96 | 3.160 | 11 47 23.9 | 19.028 | (820.) |
| 823 | 7 | 13 13 41.53 | 3.153 | 10 57 22.9 | 19.026 | (820.) Ll. B. |
| 824 | 7 | 13 14 13.86 | 3.164 | 12 23 57.1 | 19.011 | (820.) |
| 825 | 9. 10 | 13 15 24.21 | 3.144 | 9 33 44.7 | 18.979 | (821.) Ll. |
| 826 | 7 | 13 15 41.96 | 3.181 | 14 19 49.0 | 18.970 | II. Ll. B. |
| 827 | 8 | 13 16 14.97 | 3.182 | 14 24 49.4 | 18.955 | (867.) B. |
| 828 | 8. 9 | 13 17 42.83 | 3.164 | 11 42 3.4 | 18.912 | (820.) |

I. (866) +0.04 -0.3; (867) -0.03 +0.3. II. (866) -0.05 —; (867) +0.04 0.0.

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| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 829 | 9 | 13 21 24.05 | + 3.149 | - 9 35 54.8 | - 18.803 | (821.) |
| 830 | 8. 9 | 13 21 51.18 | 3.190 | 14 18 35.7 | 18.789 | (867.) |
| 831 | 7. 8 | 13 23 55.17 | 3.151 | 9 28 56.5 | 18.725 | (821.) B. |
| 832 | 6 | 13 24 51.21 | 3.194 | 14 35 24.3 | 18.695 | (867.) Ll. |
| 833 | 8 | 13 26 — | 3.196 | 14 42 48.6 | 18.637 | (867.) |
| 834 | 9 | 13 28 16.32 | 3.159 | 9 54 51.9 | 18.584 | (821.) |
| 835 | 8. 9 | 13 30 50.— | 3.196 | 13 48 51.0 | 18.538 | (867.) Ll. B. |
| 836 | 8 | 13 31 11.83 | 3.159 | 9 37 25.3 | 18.487 | (821.) |
| 837 | 6 | 13 31 18.29 | 3.204 | 14 26 35.1 | 18.484 | (866.) Ll. R. |
| 838 | 6. 7 | 13 31 31.86 | 3.208 | 14 51 6.4 | 18.476 | (866.) Ll. B. |
| 839 | 7. 8 | 13 34 50.— | 3.208 | 14 16 32.4 | 18.373 | (867.) Ll. B. |
| 840 | 9. 10 | 13 35 13.99 | 3.161 | 9 50 5.6 | 18.347 | (821.) |
| 841 | 6. 7 | 13 36 — | 3.206 | 14 0 14.1 | 18.309 | (867.) Ll. B. |
| 842 | 7 | 13 37 — | 3.207 | 14 0 41.7 | 18.280 | (867.) Ll. B. |
| 843 | 9 | 13 40 50.23 | 3.212 | 13 58 33.5 | 18.145 | (867.) Ll. B. |
| 844 | 8 | 13 41 16.38 | 3.213 | 14 0 45.9 | 18.129 | (867.) Ll. B. |
| 845 | 8 | 13 46 58.51 | 3.229 | 14 46 44.2 | 17.909 | (867.) Ll. |
| 846 | 8 | 13 47 43.53 | 3.221 | 14 3 21.2 | 17.880 | (867.) B. |
| 847 | 5 | 14 10 59.80 | 3.233 | 12 40 38.3 | 16.866 | (868.) Ll. R. |
| 848 | 7 | 14 11 4.71 | 3.234 | 12 44 12.6 | 16.862 | (868.) Ll. |
| 849 | 6 | 14 16 27.29 | 3.249 | 13 23 49.1 | 16.603 | (868.) B. |
| 850 | 6. 7 | 14 23 38.60 | 3.244 | 12 31 30.0 | 16.243 | (868.) B. |
| 851 | 7 | 14 26 59.81 | 3.242 | 12 4 39.9 | 16.069 | (868.) B. |
| 852 | 6 | 14 40 37.97 | 3.262 | 12 29 25.1 | 15.327 | (868.) Ll. |
| 853 | 5 | 14 41 6.06 | 3.276 | 13 31 12.6 | 15.300 | (868.) Ll. B. R. |
| 854 | 7 | 14 47 35.15 | 3.270 | 12 35 38.6 | 14.928 | (868.) Ll. B. |
| 855 | 8 | 14 50 2.09 | 3.282 | 13 13 10.7 | 14.784 | (868.) B. |
| 856 | 8 | 14 53 17.81 | 3.266 | 12 4 33.7 | 14.589 | (868.) |
| 857 | 9 | 14 58 50.81 | 3.285 | 12 57 59.5 | 14.252 | (868.) |
| 858 | 9 | 15 3 26.25 | 3.292 | 13 2 20.6 | 13.967 | (868.) |
| 859 | 8 | 15 6 56.77 | 3.276 | 11 — — | 13.738 | (868.) |



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-9° -15°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 860 | 8 | 15 7 52.78 | + 3.284 | - 12 21 8.2 | - 13.685 | (868.) B. |
| 861 | 6. 7 | 15 11 53.93 | 3.294 | 12 38 37.2 | - 13.426 | (868.) Ll. B. |
| 862 | 5 | 18 14 44.97 | 3.313 | 10 17 23.2 | + 1.289 | (870.) Ll. B. |
| 863 | 8. 9 | 18 16 53.95 | 3.308 | 10 6 35.9 | 1.478 | (869.) |
| 864 | 9 | 18 23 5.63 | 3.327 | 10 53 58.2 | 2.018 | (869.) |
| 865 | 8. 9 | 18 33 20.39 | 3.338 | 11 30 10.6 | 2.907 | (828.) B. |
| 866 | 8 | 18 34 8.73 | 3.294 | 9 37 43.7 | 2.976 | (870.) |
| 867 | 8. 9 | 18 35 17.62 | 3.342 | 11 38 22.2 | 3.076 | (828.) Ll. B. |
| 868 | 9. 10 | 18 42 27.11 | 3.279 | 9 2 51.4 | 3.693 | (829.) B. |
| 869 | 9 | 18 47 36.27 | 3.329 | 11 12 29.7 | 4.135 | (828.) |
| 870 | 8. 9 | 18 47 37.48 | 3.329 | 11 13 0.8 | 4.138 | (828.) |
| 871 | 9 | 18 50 55.23 | 3.294 | 9 45 49.2 | 4.420 | (829.) |
| 872 | 8 | 18 51 9.40 | 3.318 | 10 46 45.3 | 4.440 | I. |
| 873 | 8. 9 | 18 54 40.66 | 3.283 | 9 11 16.8 | 4.738 | (871.) |
| 874 | 9 | 18 56 26.64 | 3.276 | 8 55 — | 4.889 | (830.) B. |
| 875 | 7. 8 | 19 1 24.58 | 3.284 | 9 23 36.8 | 5.352 | II. |
| 876 | 9. 10 | 19 5 6.80 | 3.325 | 11 14 50.9 | 5.622 | (828.) |
| 877 | 8. 9 | 19 12 42.01 | 3.345 | 12 15 17.8 | 6.255 | (828.) B. |
| 878 | 8. 9 | 19 12 51.20 | 3.294 | 10 3 1.7 | 6.267 | (829.) |
| 879 | 9 | 19 18 10.46 | 3.355 | 12 47 44.3 | 6.709 | (828.) |
| 880 | 8. 9 | 19 19 50.39 | 3.285 | 9 43 26.3 | 6.845 | (829.) Ll. B. |
| 881 | 9. 10 | 19 23 9.03 | 3.307 | 10 43 16.4 | 7.118 | (829.) |
| 882 | 8 | 19 32 37.58 | 3.274 | 9 28 23.4 | 7.886 | (829.) Ll. |
| 883 | 8. 9 | 19 36 59.05 | 3.279 | 9 45 24.7 | 8.236 | (829.) B. |
| 884 | 8 | 19 38 56.61 | 3.292 | 10 25 4.3 | 8.392 | (829.) B. |

I. (828) -0.17 +0.4; (870) +0.18 -0.4. II. (829) —0.0; (870) 0.00 —.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| | | | | -15° bis 21° | | Suppl.-Bd. XII. |
| 885 | 7 | 12 37 11.40 | + 3.129 | - 15 13 — | - 19.792 | (867.) Ll. |
| 886 | 5 | 12 41 53.68 | 3.136 | 15 3 49.1 | 19.721 | I. Ll. |
| 887 | 7 | 12 43 27.92 | 3.143 | 16 5 56.7 | 19.695 | (866.) |
| 888 | 7 | 12 45 18.61 | 3.147 | 16 23 0.2 | 19.663 | (866.) Ll. |
| 889 | 7. 8 | 12 48 44.42 | 3.151 | 15 54 44.1 | 19.603 | (866.) Ll. |
| 890 | 6 | 12 50 32.45 | 3.157 | 16 31 14.6 | 19.569 | (866.) Ll. |
| 891 | 6. 7 | 12 57 29.97 | 3.167 | 16 11 50.6 | 19.427 | (866.) |
| 892 | 7. 8 | 13 2 36.62 | 3.168 | 15 12 14.3 | 19.311 | (866.) Ll. B. |
| 893 | 3 | 13 4 5.13 | 3.172 | 15 23 24.8 | 19.276 | (866.) R. |
| 894 | 7 | 13 6 9.77 | 3.177 | 15 45 27.0 | 19.224 | (866.) |
| 895 | 8 | 13 7 50.06 | 3.179 | 15 28 50.1 | 19.182 | (866.) Ll. |
| 896 | 6 | 13 10 44.96 | 3.190 | 16 20 33.1 | 19.106 | (866.) |
| 897 | 7. 8 | 13 12 26.09 | 3.189 | 15 54 49.8 | 19.062 | (866.) |
| 898 | 8 | 13 13 24.17 | 3.185 | 15 10 29.0 | 19.035 | II. |
| 899 | 9 | 13 13 52.30 | 3.185 | 15 6 46.4 | 18.994 | (867.) |
| 900 | 7. 8 | 13 15 7.21 | 3.187 | 15 8 29.1 | 18.958 | (867.) |
| 901 | 8. 9 | 13 17 9.10 | 3.192 | 15 23 54.2 | 18.928 | (866.) |
| 902 | 3 | 13 19 27.29 | 3.193 | 15 11 37.6 | 18.861 | III. Ll. |
| 903 | 8. 9 | 13 20 33.34 | 3.205 | 16 13 46.7 | 18.831 | (866.) |
| 904 | 6. 7 | 13 22 39.64 | 3.201 | 15 26 42.8 | 18.765 | (866.) Ll. |
| 905 | 7 | 13 23 3.71 | 3.203 | 15 34 34.5 | 18.752 | (866.) Ll. |
| 906 | 8 | 13 24 32.23 | 3.207 | 15 46 48.0 | 18.706 | (866.) Ll. |
| 907 | 8 | 13 26 7.46 | 3.208 | 15 36 55.6 | 18.656 | (866.) Ll. |
| 908 | 8 | 13 26 37.13 | 3.209 | 15 33 4.8 | 18.640 | (866.) Ll. |
| 909 | 6. 7 | 13 27 26.72 | 3.215 | 16 9 12.1 | 18.611 | (866.) Ll. |
| 910 | 6 | 13 28 59.54 | 3.213 | 15 40 40.8 | 18.561 | (866.) |

I. (866) -0.01 -0.2; (867) +0.02 +0.1. II. (866) +0.05 -1.4; (867) -0.05 +1.4.
III. (866) 0.00 +0.5; (867) +0.01 -0.6.

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-15° -21°

| Nummer | Grösse | AR 1850 | Präcession 1850 | Declination 1850 | Präcession 1850 | Bemerkungen |
|---|---|---|---|---|---|---|
| | | h ′ ″ | ″ | ° ′ ″ | ″ | |
| 911 | 7 | 13 32 28.96 | + 3.127 | - 16 34 49.9 | - 18.443 | (866.) |
| 912 | 8. 9 | 13 32 43.— | 3.213 | 15 9 6.0 | 18.436 | (867.) Ll. |
| 913 | 7 | 13 33 33.99 | 3.228 | 16 33 50.6 | 18.405 | (866.) |
| 914 | 9 | 13 33 58.— | 3.215 | 15 9 57.0 | 18.393 | (867.) Ll. |
| 915 | 7. 8 | 13 34 28.28 | 3.228 | 16 30 44.2 | 18.373 | (866.) Ll. |
| 916 | 7. 8 | 13 35 24.59 | 3.228 | 16 17 5.1 | 18.341 | (866.) |
| 917 | 6 | 13 37 31.— | 3.219 | 15 0 42.3 | 18.265 | (867.) |
| 918 | 8. 9 | 13 45 44.52 | + 3.230 | 15 2 46.7 | 17.956 | (867.) Ll. |

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# Nachtrag II,

## enthaltend neuere Ortsbestimmungen von 2548 Zonensternen welche in den bereits gedruckten Stern-Verzeichnissen vorkommen.

Die erste Columne enthält die Nummer des betreffenden Sternverzeichnisses, in der zweiten und dritten Columne sind die Secunden der neuen Rectascensionen und Declinationen und deren Abweichung von den früheren Bestimmungen angegeben, die dritte Columne enthält die Nummern der Zonen, in welchen die neuen Bestimmungen vorkommen: die Abweichungen sind für AR in Zehntel- und Hundertel-Secunden, für Decl. in Secunden und Zehntel-Secunden ausgedrückt und zwar so, dass man die Abweichung zu der neuen Bestimmung hinzuzufügen hätte, um die frühere Bestimmung zu erhalten. Bei der Vergleichung der älteren Bestimmungen mit den neueren ist auf alle schon früher oder im gegenwärtigen Bande angezeigten Druckfehler und Berichtigungen Rücksicht genommen.

-3° +3°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| | s | " " | | 5387 | s 44.84 - 09 | " " 20.3+1.7 | 878 |
| | Decl. - 3° bis + 3° Suppl.-Bd. V. | | | 5394 | 29.86 - 24 | 53.5 - 3.5 | 877 |
| 5303 | 52.65 - 01 | 2.3 - 3.0 | 878 | 5402 | 19.79+13 | — — | 878 |
| 5307 | 17.55 - 15 | 5.6 - 1.5 | 878 | 5411 | 2.86+03 | 45.8 - 0.6 | 877 |
| 5333 | 27.72+04 | 4.7+2.7 | 878 | 5417 | 14.01+14 | 37.6+0.9 | 877 |
| 5337 | 40.08+01 | 21.3+2.8 | 878 | 5419 | 29.98+09 | 59.9 - 1.7 | I. |
| 5340 | 55.72+20 | 55.4+4.3 | 877 | 5422 | 41.58+04 | 57.4+1.0 | 878 |
| 5350 | 55.18+10 | 42.6 - 1.2 | 877 | 5436 | 41.59+07 | 24.0 - 3.8 | 877 |
| 5357 | 42.49+15 | 33.8+1.7 | 878 | 5449 | 12.70 - 79 | 52.8+4.6 | 878 |
| 5360 | 46.10+20 | 43.1 - 1.8 | 877 | 5450 | 23.05 - 02 | 22.5+3.0 | 878 |
| 5361 | 48.77 00 | 37.0 - 3.4 | 877 | 5454 | 0.62 00 | 20.2 - 1.8 | 878 |
| 5371 | 24.43+1.14 | 49.5+29.5 | 878 | 5455 | 3.05 - 01 | 29.6+3.6 | 877 |
| 5380 | 29.94+24 | 51.8 - 1.3 | 878 | 5462 | 5.95+21 | 43.6+0.5 | 877 |
| 5381 | 34.87 - 01 | 17.0+2.4 | 877 | 5464 | 22.39 - 06 | 36.8 - 2.2 | 878 |

I. (877) - 0.01 —; (878) +0.02 0.6.

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-3° +3°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 5466 | 38.95 00 | 32.4+6.7 | 878 | 5630 | 7.84 - 05 | 2.5+0.4 | 878 |
| 5485 | 8.00 - 03 | 27.5+1.5 | 878 | 5633 | 10.64+13 | 26.3 - 2.8 | 878 |
| 5488 | 26.64 00 | 0.4 - 2.0 | 877 | 5647 | 33.13+08 | 34.6+0.7 | 878 |
| 5492 | 58.94 - 01 | 21.4+2.0 | 877 | 5657 | 37.59+15 | 41.5+0.9 | 878 |
| 5495 | 15.21 - 16 | 51.3+0.4 | 878 | 5663 | 2.57+13 | 32.4+2.3 | 878 |
| 5498 | 37.05+19 | 31.3+2.6 | 877 | 5671 | 48.60+07 | 42.8+0.3 | 878 |
| 5502 | 7.31 - 08 | 1.8 - 1.0 | 878 | 5679 | 45.20+05 | 22.5 - 3.5 | 878 |
| 5504 | 3.12 - 35 | 6.1 0.0 | 878 | 5691 | 5.35+04 | 16.0+0.4 | 878 |
| 5512 | 58.63 - 28 | 34.9 - 2.3 | 877 | 5709 | 54.34 - 04 | 53.8 - 0.4 | 878 |
| 5515 | 5.85 00 | 59.4+0.3 | 878 | 5714 | 23.82 00 | 32.8 - 1.9 | 878 |
| 5525 | 14.85 - 20 | 22.2+1.4 | 878 | 5717 | 18.19+14 | 29.1 - 0.9 | 878 |
| 5534 | 34.11+04 | 37.2 - 1.1 | 877 | 5721 | 44.30 - 04 | 55.3 - 1.5 | 878 |
| 5538 | 21.24+01 | 10.7+3.6 | 877 | 5739 | 49.00+55 | 44.3+0.8 | 878 |
| 5540 | 41.10 - 13 | 33.2+0.4 | 877 | 5750 | 13.46+01 | 20.7 - 1.9 | 878 |
| 5542 | 55.36 - 24 | 57.4 - 1.3 | 878 | 5755 | 48.82 - 17 | 26.5 - 4.1 | 878 |
| 5552 | 43.09 - 04 | 23.3 - 0.5 | 877 | 5762 | 30.52+04 | 39.1 - 1.9 | 878 |
| 5564 | 12.97 - 16 | 54.6 - 1.9 | 877 | 5775 | 39.18 - 23 | 28.1 - 2.4 | 878 |
| 5567 | 35.53 - 20 | 10.9+0.3 | 877 | 5777 | 48.99 - 19 | 26.7 - 3.8 | 878 |
| 5574 | 32.74+38 | 18.1 - 8.5 | 877 | 5803 | 29.66 - 16 | — — | 878 |
| 5577 | 39.06 - 12 | 41.9 - 5.7 | 877 | 5806 | 36.71 - 08 | — — | 878 |
| 5583 | 48.13+30 | 29.6+6.4 | 877 | 5810 | 7.23 - 43 | 13.5 - 7.0 | 878 |
| 5584 | 59.39+42 | 25.2+1.6 | 878 | 5819 | 56.39 - 04 | 30.8+0.3 | 878 |
| 5594 | 3.48+05 | 4.3 - 1.3 | 878 | 5828 | 41.73 - 13 | 56.7+2.4 | 878 |
| 5596 | 14.02+23 | 20.7 - 2.6 | 878 | 5834 | 21.83+17 | 39.4 - 0.9 | 879 |
| 5600 | 48.04 - 19 | 10.6+0.6 | 878 | 5840 | 51.99 - 03 | 44.9+1.2 | 878 |
| 5606 | 53.71+16 | 11.8+2.2 | 877 | 5844 | 10.91 - 09 | 12.6 - 2.1 | 878 |
| 5607 | 8.86+11 | 24.2 - 8.9 | 878 | 5888 | 14.85 - 04 | 10.2 - 1.8 | 879 |
| 5619 | 4.32+06 | 57.9 - 3.0 | 878 | 5891 | 31.82 - 14 | 29.6 - 0.3 | 879 |
| 5621 | 22.61 - 01 | 45.0 - 2.1 | 877 | 5945 | 54.27 - 08 | 1.4 - 0.8 | 879 |
| 5622 | 27.41 - 02 | 38.7 - 1.6 | 878 | 6132 | 11.95 - 09 | 37.0 - 7.2 | 880 |
| 5627 | 30.25 - 02 | 22.0 - 2.7 | 877 | 6137 | 16.97 - 01 | 31.9+0.6 | 880 |
| 5629 | 46.48 - 02 | 58.4 - 1.5 | 877 | 6188 | 0.01 - 11 | 13.1+1.1 | 880 |

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 6204 | 5.27 - 05 | 45.1 - 15.0 | 880 | 7245 | 16.47+15 | 27.8+0.3 | 862 |
| 6228 | 0.59 - 25 | 9.7 - 0.4 | 880 | 7294 | 57.59+08 | 32.7 0.0 | 862 |
| 6239 | 26.04 - 26 | 56.9+2.9 | 880 | 7475 | 28.30+02 | 7.5+3.0 | 862 |
| 6249 | 41.53+13 | 20.4+2.4 | 880 | 7486 | 24.62+26 | 46.2 - 1.1 | 862 |
| 6286 | 59.76+02 | 7.3+4.2 | 880 | 7576 | 20.02 - 24 | 21.8 - 8.7 | 862 |
| 6298 | 20.15 - 52 | 38.8 - 3.5 | 880 | 7668 | 11.53+23 | 20.3+2.3 | 862 |
| 6306 | 52.26 - 12 | 18.8 - 3.8 | 880 | 7695 | 45.08 - 25 | 12.9 - 6.3 | 862 |
| 6319 | 2.45 - 21 | 46.5 - 0.2 | 880 | 7719 | 45.11 - 10 | 55.1 - 4.2 | 862 |
| 6355 | 42.71 - 17 | 1.4+2.0 | 880 | 7801 | 32.94 - 18 | 46.1+5.6 | 862 |
| 6360 | 49.10+10 | 11.2 - 3.4 | 880 | 7808 | 14.71+07 | 36.2 - 4.8 | 862 |
| 6397 | 51.12 - 93 | 30.7+0.2 | 880 | 7862 | 40.21 - 02 | 59.8 - 3.6 | 862 |
| 6417 | 30.82 - 13 | 48.7 - 0.9 | 880 | 7875 | 40.92+02 | 4.5 - 1.8 | 862 |
| 6422 | 45.18+03 | 44.2 0.0 | 880 | | | | |
| 6428 | 24.91+10 | 13.8 - 0.3 | 880 | | Decl. +3° bis +9°. | | |
| 6444 | 43.86 - 04 | 36.4 - 2.1 | 880 | 351 | 16.88 - 35 | 44.4 - 0.1 | 805 |
| 6458 | 52.27 - 07 | 48.4+2.5 | 880 | 357 | 30.91 - 32 | 10.8+1.3 | 805 |
| 6493 | 3.53 - 12 | 42.5+0.4 | 880 | 373 | 33.40+03 | 13.9+1.7 | 805 |
| 6564 | 58.58 - 18 | 2.4 - 5.8 | 880 | 389 | 22.92+49 | 27.7 - 1.0 | 805 |
| 6667 | 30.07 - 02 | 34.1 - 7.5 | 880 | 419 | 7.73+09 | 43.1+3.4 | 805 |
| 6671 | 59.77 - 06 | 45.6 - 2.5 | 880 | 422 | 44.23+42 | 25.6+3.9 | 805 |
| 6691 | 4.65+17 | 6.4+0.1 | 880 | 434 | 22.08 - 25 | 4.4+3.1 | 805 |
| 6717 | 6.03 00 | 16.8 - 3.2 | 880 | 436 | 44.64+40 | 49.4+0.9 | 805 |
| 6744 | 7.16+03 | 47.5 - 1.2 | 880 | 461 | 35.18+23 | — — | 805 |
| 6745 | 7.25 - 02 | 31.1 - 0.6 | 880 | 473 | 20.13 - 13 | 42.3 - 7.7 | 805 |
| 6776 | 21.83 - 01 | 32.1+0.1 | 880 | 476 | 22.42 - 07 | 48.5+1.8 | 805 |
| 6789 | 52.63 - 06 | 6.3 - 5.7 | 880 | 480 | 3.70 - 21 | 4.5+1.3 | 806 |
| 6806 | 56.53+05 | 14.3 - 0.1 | 880 | 481 | 5.26+11 | 29.6 - 0.6 | 805 |
| 6959 | 10.27+21 | 5.1 - 1.9 | 880 | 489 | 26.87+14 | 4.8+2.0 | 805 |
| 6969 | 44.02 - 10 | 0.4 - 6.6 | 880 | 505 | 25.14+12 | 7.8+0.3 | 805 |
| 7111 | 45.56 - 11 | 20.9+2.7 | 862 | 519 | 50.44+29 | 37.3 - 1.9 | 806 |
| 7123 | 48.62 - 32 | 37.3 - 0.7 | 862 | 520 | 3.11 - 04 | 16.8+0.4 | 805 |
| 7234 | 9.08+12 | 30.5+3.3 | 862 | 526 | 14.11+11 | 50.9+1.4 | 806 |

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 527 | 33.36 - 29 | 5.1+6.1 | 805 | 767 | 44.21 - 18 | 47.1 0.0 | 807 |
| 530 | 47.23 - 35 | 33.1+0.9 | 805 | 770 | 11.31+11 | 1.4+0.8 | X. |
| 550 | 19.96+05 | 10.4+1.2 | 805 | 771 | 20.35+21 | 3.8 - 3.2 | XI. |
| 570 | 16.53 - 08 | 13.9+1.0 | 805 | 773 | 47.16+13 | 27.5 - 1.6 | XII. |
| 576 | 54.64+14 | 40.3+0.8 | 805 | 778 | 4.83+19 | 30.1+1.5 | XIII. |
| 585 | 30.08+12 | 30.2+1.2 | 805 | 785 | 5.00+12 | 46.3+3.3 | 864 |
| 592 | 38 06+34 | 46.5 - 2.5 | I. | 790 | 36.77+32 | 30.5 - 4.2 | 805 |
| 603 | 51.90+20 | 36.2 - 3.3 | II. | 791 | 38.00 - 08 | 5.5 - 0.6 | XIV. |
| 621 | 54.99+02 | 33.3+4.1 | 805 | 803 | 0.82+22 | 14.9+6.7 | 817 |
| 651 | 3.00 - 35 | 32.4 - 2.0 | III. | 805 | 13.86 - 46 | 50.4+4.1 | XV. |
| 658 | 23.78 - 32 | 44.5 - 1.4 | IV. | 812 | 22.68+05 | 18.3+0.9 | 864 |
| 677 | 10.44+14 | 1.0 - 0.9 | V. | 834 | 24.62+14 | 31.3 - 0.8 | XVI. |
| 679 | 58.17+18 | 25.3 - 1.8 | VI. | 839 | 37.92 - 04 | 30.9+4.1 | 808 |
| 686 | 41.52 - 33 | 47.3+1.1 | VII. | 841 | 26.95+16 | 54.3 - 0.7 | 864 |
| 690 | 58.98+14 | 49.5 - 3.3 | 864 | 849 | 59.72 - 72 | 46.5 - 2.6 | XVII. |
| 692 | 7.05 - 08 | 30.2 - 4.9 | 805 | 858 | 36.16 - 14 | 47.1 ? | 805 |
| 711 | 9.74 - 03 | 27.3 - 0.2 | VIII. | 863 | 47.45 - 06 | 10.2 - 2.7 | XVIII. |
| 736 | 8.34 - 13 | 2.7+2.7 | 864 | 869 | 48.94+12 | 54.3 - 4.4 | XIX. |
| 739 | 47.24+07 | 16.7+0.7 | 864 | 874 | 46.73+10 | 27.9 - 0.6 | XX. |
| 751 | 4.31 - 38 | 53.4 - 2.8 | 805 | 901 | 32.70 - 11 | 14.8+3.5 | XXI. |
| 761 | 46.81 - 16 | 40.7 - 0.9 | IX. | 912 | 55.50 - 19 | 29.3 - 1.5 | XXII. |

I. (805) +0.06 -2.1; (806) -0.06 +2.2. II. (805) +0.02 -2.7; (806) -0.02 +2.7. III. (805) 0.00 -1.0; (864) +0.01 +1.1. IV. (805) -0.04 +0.1; (864) +0.05 -0.1. V. (805) +0.03 +1.4; (817) -0.02 -1.3. VI. (805) +0.01 +0.6; (816) +0.07 -2.5; (864) -0.08 +1.9. VII. (805) 0.00 +3.1; (817) +0.01 -3.1. VIII. (805) -0.02 +0.8; (816) +0.03 -0.8; (863) -0.02 —. IX. (805) -0.03 +1.3; (817) -0.06 -3.3; (864) +0.10 +1.9. X. (805) +0.01 +3.0; (808) -0.01 -2.9. XI. (806) -0.04 +0.8; (807) +0.10 +0.2; (863) -0.05 -1.0. XII. (805) -0.05 +0.6; (864) +0.05 -0.6. XIII. (805) +0.05 +1.5; (817) +0.09 -1.4; (863) -0.15 -0.2. XIV. (805) -0.23 +2.0; (817) +0.38 -2.1; (864) -0.15 +0.1. XV. (805) -0.06 —; (864) +0.05 0.0. XVI. (808) +0.01 —; (864) 0.00 0.0. XVII. (805) +0.03 -0.3; (817) +0.06 +4.0; (863) -0.08 -3.7. XVIII. (805) -0.06 +2.8; (808) +0.05 -0.5; (817) -0.06 -0.4; (864) +0.09 -1.7. XIX. (808) +0.08 +2.1; (863) -0.08 -2.0. XX. (808) +0.03 +0.5; (817) -0.03 +0.2. XXI. (808) +0.04 -1.3; (864) -0.03 +1.3. XXII. (807) -0.03 +3.0; (808) -0.08 -1.0; (817) +0.11 0.0; (863) 0.00 -2.0.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 917 | 50.94+03 | 37.7 - 2.7 | I. | 1032 | 40.25 - 36 | 13.8 - 0.2 | 865 |
| 928 | 27.24 - 11 | 42.6 - 1.2 | II. | 1041 | 38.93+44 | 42.7+6.9 | 817 |
| 938 | 1.83 - 24 | 1.6 - 3.8 | III. | 1042 | 43.94 - 08 | 55.3 0.0 | X. |
| 944 | 44.21 - 19 | 56.9 - 2.4 | IV. | 1044 | 13.36 - 03 | 32.8 - 0.7 | 865 |
| 951 | 47.92 - 01 | 34.2+0.5 | V. | 1046 | 26.60 - 11 | — — | 865 |
| 953 | 56.42 - 15 | 19.1 - 1.1 | 808 | 1057 | 57.71 - 07 | 13.1 - 0.6 | 865 |
| 954 | 57.59 - 02 | 32.0 0.0 | 808 | 1058 | 57.88 - 23 | 23.1 - 1.9 | 865 |
| 956 | 58.57+05 | 56.4+0.2 | 865 | 1061 | 44.07+10 | 43.7 - 1.8 | 808 |
| 960 | 43.29 - 09 | 41.5+0.1 | 808 | 1066 | 32.66 - 26 | 32.1 - 0.5 | 808 |
| 961 | 54.88+35 | 40.8 - 0.6 | VI. | 1071 | 54.31+07 | 23.0 - 1.8 | 817 |
| 962 | 22.78 - 19 | 57.8 - 1.1 | 817 | 1072 | 56.93 - 23 | 27.0 - 2.8 | XI. |
| 964 | 29.59 - 35 | 22.7+0.7 | 817 | 1076 | 2.79 - 05 | 17.6+1.9 | 865 |
| 966 | 48.21+07 | 19.9+1.1 | 865 | 1078 | 21.16+31 | 28.8 - 0.7 | XII. |
| 970 | 12.80+06 | 35.2 - 1.4 | VII. | 1083 | 42.69 - 10 | 45.0+4.6 | 808 |
| 972 | 42.46+07 | 20.8 - 0.4 | VIII. | 1090 | 38.64 - 15 | 50.7 - 1.4 | 865 |
| 974 | 13.32+28 | 58.5+0.3 | 865 | 1096 | 47.71+10 | 37.1 - 0.3 | XIII. |
| 979 | 53.33+04 | 51.6 - 3.9 | 817 | 1097 | 51.80 - 27 | 45.4+0.6 | 865 |
| 984 | 51.45+08 | 11.8+3.3 | 865 | 1106 | 19.78 - 32 | 54.3 - 2.3 | 865 |
| 995 | 12.04+29 | 42.8+0.2 | 865 | 1108 | 36.04+11 | 41.2 - 3.2 | 808 |
| 1007 | 38.44 00 | 57.3+0.5 | 865 | 1109 | 45.48 - 10 | 0.8 - 1.1 | XIV. |
| 1010 | 18.70+04 | 31.9+4.5 | 865 | 1110 | 51.34 - 04 | 21.1+1.3 | 865 |
| 1016 | 11.91 - 11 | 49.3 - 3.9 | 817 | 1116 | 33.64 - 16 | 6.9 - 1.3 | 808 |
| 1018 | 21.14 - 62 | 24.9 - 0 6 | 865 | 1126 | 1.84+17 | 18.8 - 2.1 | XV. |
| 1037 | 2.33+12 | 39.1 - 0.3 | IX. | 1134 | 23.88 - 33 | 7.9 - 6.4 | 808 |

**I.** (807) +0.01 -0.8; (808) +0.03 +1.0; (817) +0.04 -1.2; (863) -0.09 -0.5. **II.** (808) -0.03 -0.1; (817) +0.04 +0.1. **III.** (808) +0.04 -0.7; (817) -0.04 +0.7. **IV.** (808) +0.03 +0.2; (817) -0.02 -0.1. **V.** (817) +0.02 -0 7; (863) -0.01 +0.8. **VI.** (808) -0.08 -1.4; (864) +0.09 +1.5. **VII.** (807) -0.01 +0.9; (808) +0.01 -0.9. **VIII.** (817) -0.04 -0.4; (864) +0.05 +0.4. **IX.** (808) -0.01 -0.1; (817) 0.00 +0.1; (863) +0 02 -0 1. **X.** 808) +0 01 -1.9; (817) 0.00 +2.0. **XI.** (808) +0.06 +0.1; (817) -0.05 0.0. **XII.** (808) -0.01 -1.2; (817) +0.02 +1.2. **XIII.** (808) +0.03 +0.3; 817) -0.03 -0.3. **XIV.** (808) -0.09 +1.8; (852) +0.09 -1.7. **XV.** (808) +0.06 -0.6; (817) -0.06+ 0.6.



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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1136 | 41.71+07 | 36.2 - 3.1 | 808 | 1541 | 20.94 - 07 | 48.2 - 6.0 | 853 |
| 1143 | 18.78+29 | 28.7 - 7.8 | 807 | 1551 | 26.93+10 | 6.5 - 0.8 | 853 |
| 1152 | 9.44+24 | 3.9 - 1.7 | 852 | 1575 | 58.95 - 16 | 49.3+6.8 | 853 |
| 1155 | 53.76 - 06 | 31.8+2.2 | 865 | 1582 | 8.53 - 28 | 38.6 - 1.4 | 853 |
| 1158 | 43.28+05 | 58.3 - 3.7 | 865 | 1590 | 23.63 - 06 | 11.2 - 1.3 | 853 |
| 1160 | 15.11+38 | — — | 852 | 1602 | 57.40 - 09 | 51.4 - 1.9 | 853 |
| 1165 | 3.00 - 13 | 51.1+0.1 | 852 | 1603 | 1.92 - 19 | 21.3 - 1.5 | 853 |
| 1168 | 44.48+16 | 31.2+0.5 | 865 | 1612 | 28.95+03 | — — | 853 |
| 1170 | 34.20+28 | 52.2+5.3 | 852 | 1623 | 48.93 - 08 | 7.5 - 0.5 | 853 |
| 1174 | 58.05 - 52 | 11.9+2.8 | 852 | 1633 | 11.83 - 06 | 25.2 - 5.3 | 853 |
| 1176 | 28.04 - 04 | 37.4 - 2.9 | 865 | 1638 | 9.88 - 01 | 51.8+6.0 | 853 |
| 1182 | 27.76+21 | 0.7 - 4.5 | 865 | 1646 | 3.77+24 | — — | 853 |
| 1184 | 27.73 - 04 | 45.7+1.6 | 865 | 1652 | 39.29 - 09 | 43.4+0.8 | 853 |
| 1185 | 38.23+21 | 46.3 - 6.0 | 807 | 1657 | 47.29 - 05 | 17.3 - 4.6 | 853 |
| 1187 | 25.04+21 | 24.2 - 0.3 | 865 | 1667 | 23.05+11 | 10.0+1.8 | 853 |
| 1188 | 28.33 - 02 | 28.4 - 0.6 | 865 | 1675 | 30.45 - 09 | 26.5 - 3.0 | 853 |
| 1193 | 2.08 - 13 | 42.2 - 1.1 | I. | 1683 | 17.12+03 | 52.8+3.3 | 853 |
| 1197 | 41.69+02 | 25.7 - 0.1 | 865 | 1689 | 40.15 - 01 | 16.4 - 1.5 | 853 |
| 1202 | 2.41 - 06 | 8.6 - 0.9 | II. | 1692 | 41.80 - 04 | 19.5 - 3.2 | 853 |
| 1211 | 36.06 00 | 33.5+0.6 | 865 | 1716 | 38.05 00 | 36.0 - 2.4 | 853 |
| 1219 | 7.55+05 | 6.3 - 0.5 | 865 | 1722 | 30.15 - 10 | 50.8 - 1.7 | 853 |
| 1220 | 20.42+04 | 32.2 - 3.1 | 865 | 1732 | 18.74 - 07 | 39.5 - 0.2 | 853 |
| 1233 | 38.44 - 11 | 59.6 - 0.9 | 865 | 1741 | 15.98+15 | 40.8+4.3 | 853 |
| 1242 | 49.98+05 | 42.1+0.3 | 865 | 1761 | 48.45+25 | 42.8 - 7.2 | 853 |
| 1246 | 20.51 - 03 | 12.0+0.2 | 865 | 1765 | 29.85 - 24 | 53.4 - 0.3 | 853 |
| 1265 | 42.30+03 | 58.0+1.5 | 865 | 1767 | 46.06 - 04 | 28.0+0.4 | 853 |
| 1282 | 12.11 - 11 | 55.6 - 5.5 | 865 | 1775 | 9.05 - 01 | 37.6+7.6 | 853 |
| 1283 | 16.87+07 | 39.7 - 1.0 | 865 | 1778 | 44.66 - 41 | 5.7+1.6 | 853 |
| 1284 | 51.10+08 | 7.2+0.6 | 865 | 1783 | 16.60 - 06 | 41.8 - 4.5 | 853 |
| 1292 | 57.52 - 09 | — — | 865 | 1799 | 31.60+11 | 57.3+1.8 | 853 |

I. (852) +0.10 -0.8; (865) -0.09 +0.8. II. (852) +0.12 -0.3; (865) -0.11 +0.4.

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| Nummer | AR. Diff. | Diff. Decl. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1808 | 14.79 - 09 | 29.1+8.0 | 854 | 2013 | 59.64+26 | 5.8+2.7 | 853 |
| 1818 | 51.29 - 13 | 1.0 - 3.5 | 853 | 2014 | 17.01+16 | 46.5+0.5 | III. |
| 1830 | 6.69 - 15 | 40.5 - 3.7 | 853 | 2019 | 5.80+03 | 38.4 - 1.1 | 855 |
| 1837 | 11.10 - 18 | 49.6 - 0.9 | 853 | 2032 | 4.14+83 | 30.7 - 2.8 | 855 |
| 1840 | 49.39+09 | 55.4 - 6.2 | 853 | 2052 | 52.59+12 | 57.1 - 2.4 | 855 |
| 1847 | 33.16+08 | 4.0+1.4 | 853 | 2053 | 54.78+04 | 49.9+3.4 | 855 |
| 1878 | 18.76+04 | 8.0+2.1 | 853 | 2077 | 24.54+42 | 40.8 - 3.8 | 854 |
| 1899 | 39.29+12 | 8.6+3.7 | 853 | 2086 | 58.30 - 16 | 11.0 - 2.4 | 855 |
| 1903 | 55.21+02 | 33.3+1.0 | 853 | 2092 | 34.57 00 | 12.3+0.8 | 841 |
| 1905 | 10.60+08 | 22.1 - 0.8 | 854 | 2095 | 12.99 - 12 | 39.0+0.3 | 842 |
| 1914 | 28.72+22 | 17.6 - 2.7 | 854 | 2099 | 41.35 - 12 | 6.5 - 2.7 | 855 |
| 1919 | 35.15+57 | 48.9 - 3.0 | 854 | 2100 | 43.65 - 01 | 56.4 - 1.3 | 855 |
| 1923 | 55.91+13 | 1.4+8.7 | 854 | 2112 | 43.78 - 07 | 55.0+0.4 | 855 |
| 1929 | 35.01+33 | 18.4+2.7 | 854 | 2121 | 34.61+24 | 59.1 - 0.2 | IV. |
| 1951 | 27.65+17 | 50.6 - 4.9 | 853 | 2126 | 4.17 - 01 | 22.2+1.0 | 855 |
| 1953 | 46.50 - 08 | 20.3+3.5 | I. | 2130 | 19.14 - 09 | 22.8 - 2.4 | 855 |
| 1960 | 42.03+16 | 42.7+1.9 | 853 | 2132 | 48.86+21 | 14.7 - 1.5 | 855 |
| 1967 | 32.52+03 | 13.0 - 4.8 | 853 | 2136 | 20.30 - 08 | 1.6+1.2 | 874 |
| 1973 | 13.11+06 | 41.7+6.8 | 853 | 2137 | 38.23+06 | 3.3+1.3 | V. |
| 1977 | 57.10+23 | 29.5 - 0.7 | 855 | 2141 | 53.73+48 | 21.0 - 0.9 | 854 |
| 1979 | 32.03 00 | 45.8 - 2.5 | 853 | 2147 | 58.16+12 | 24.3 - 0.5 | 855 |
| 1988 | 26.58+20 | 25.2+1.1 | II. | 2149 | 8.49 - 13 | 13.7+0.9 | 876 |
| 1995 | 31.29+66 | 47.1 - 1.5 | 853 | 2150 | 12.07 - 15 | 58.6+1.0 | 876 |
| 1996 | 37.74 00 | 42.9 - 1.5 | 853 | 2154 | 27.80 - 02 | 47.6+3.5 | 841 |
| 2005 | 43.02+01 | 56.3 - 3.7 | 853 | 2158 | 5.80+15 | 55.4 0.0 | VI. |
| 2009 | 18.96+11 | 23.9+4.4 | 853 | 2162 | 56.33 - 01 | 29.0+1.5 | VII. |
| 2010 | 21.20+24 | 23.0+0.3 | 855 | 2165 | 25.73+19 | 39.3 - 2.7 | 854 |

I. (853) -0.03 +0.9; (855) +0.04 -0.8. II. (853) -0.04 -0.2; (854) +0.01 —; (855) +0.03 +0.2. III. (853) +0.03 +0.8; (855) -0.02 -0.8. IV. (842) +0.05 —; (855) -0.05 0.0. V. (875) 0.00 -1.8; (876) +0.01 +1.9. VI. (841) +0.10 +0.6; (842) -0.05 -0.6; (875) -0.04 —. VII. (854) +0.03 +0.1; (855) 0.00 —; (874) -0.02 -0.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2167 | 33.94 - 05 | 33.5+0.6 | I. | 2226 | 19.52 - 09 | 42.7 - 3.9 | 841 |
| 2173 | 20 28 - 09 | 15.3+1.7 | II. | 2228 | 39.37 - 03 | 47.5+1.7 | VIII. |
| 2176 | 34 79+34 | 13.2+0.2 | 874 | 2234 | 17.51 - 04 | 38.1+0.1 | IX. |
| 2177 | 43.78 - 03 | 40.8+3.8 | III. | 2235 | 33.87+04 | 31.8 - 2.4 | 874 |
| 2178 | 51.15+33 | 15.8 0.0 | 874 | 2238 | 3.90 - 10 | 40.3+1.0 | X. |
| 2181 | 17.09 - 04 | 42.1+0.4 | IV. | 2241 | 44 42 - 08 | 26.4+1.4 | 877 |
| 2184 | 41.62+14 | 40.5+4.7 | 842 | 2244 | 17.74 - 09 | 13.5+2.2 | 854 |
| 2187 | 45.20+52 | 37.1 - 2.1 | 874 | 2246 | 27.22 - 19 | 6.3+0.1 | XI. |
| 2189 | 12.58+07 | 4.3+1.1 | 875 | 2248 | 51.54+12 | 56.9+0.5 | 843 |
| 2193 | 30.81 00 | 12.9+2.1 | V. | 2251 | 24.92 - 02 | 45.5 - 0.5 | XII. |
| 2196 | 50.00+13 | 40.8+2.9 | 841 | 2252 | 25.22+03 | 21.0 - 1.2 | 876 |
| 2197 | 54.94+13 | 47.2+3.0 | 876 | 2253 | 27.35+02 | 33.8+1.4 | 855 |
| 2198 | 59.51+09 | 12.4 - 2.6 | 874 | 2256 | 22.28 - 22 | 32.1 - 0.9 | 856 |
| 2200 | 17.12+04 | 55.4+0.8 | 874 | 2263 | 10.30 - 02 | 11.3 - 2.5 | 841 |
| 2201 | 52.39+03 | 9.3+0.8 | 875 | 2270 | 56.73+10 | 58.2+0.2 | 876 |
| 2203 | 23.55 - 45 | 10.1+1.6 | 842 | 2272 | 0.96+05 | 58.6 - 0.5 | XIII. |
| 2210 | 3.76 - 39 | 14.0+0.3 | 874 | 2274 | 28.41 - 14 | 49.8 - 2.2 | XIV. |
| 2213 | 30.67+02 | 4.9+1.9 | VI. | 2278 | 54.99 - 08 | — — | 842 |
| 2215 | 2.24 - 09 | 51.6 - 18.8 | 876 | 2281 | 17.62 00 | 46.9 - 1.9 | 876 |
| 2218 | 12.36 00 | 28.5 - 4.1 | 854 | 2282 | 23.19 - 12 | 59.2+1.3 | XV. |
| 2219 | 14.31+04 | 7.7+1.1 | 842 | 2288 | 52.26+21 | 54.4+1.5 | 856 |
| 2221 | 38.90 - 14 | 10.4+0.4 | 876 | 2297 | 10.75+11 | 42.9 - 4.9 | 842 |
| 2223 | 2.80 - 28 | 39.2+0.3 | VII. | 2291 | 13.53 - 01 | 53.3 - 6.0 | XVI. |
| 2224 | 3.24+13 | 58.9 - 0.4 | 854 | 2292 | 22.24+05 | 28.9 - 5.8 | XVII. |

**I.** (841) +0.02 +0.2; (876) -0.02 -0.1. **II.** (842) -0.02 -0.4; (875) +0.02 +0.4. **III.** (842) -0.06 -2.2; (875) +0.06 +2.2. **IV.** (841) +0.03 -0.9; (876) -0.03 +1.0. **V.** (841) +0.02 -0.1; (876) -0.02 +0.1. **VI.** (841) -0.04 -1.6; (876) +0.04 +1.7. **VII.** (843) +0.03 +0.6; (855) +0.01 +0.9; (856) -0.09 -1.9; (874) -0.06 +0.5; (875) 0.00 —. **VIII.** (842) +0.02 —; (876) -0.02 0.0. **IX.** (855) +0.02 -0.2; (874) -0.01 +0.2. **X.** (841) 0.00 -0.8; (876) 0.00 +0.8. **XI.** (855) +0.09 -0.1; (856) -0.08 +0.1. **XII.** (841) +0.11 -1.4; (876) -0.10 +1.5. **XIII.** (856) -0.06 -1.5; (875) -0.07 +1.5. **XIV.** (843) +0.01 -0.9; (854) 0.00 +0.9. **XV.** (841) +0.02 -0.5; (876) -0.02 +0.5. **XVI.** (842) +0.03 -3.0; (875) -0.03 +3.0. **XVII.** (843) +0.17 +4.3; (856) -0.17 -4.3.

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| Nummer | AR Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2293 | 51.37 - 01 | 8.9+2.4 | 875 | 2345 | 34.06 - 02 | 45.1+3.3 | 842 |
| 2296 | 5.40 - 08 | 49.4 - 1.0 | I. | 2347 | 46.72 - 10 | 44.8+2.0 | IX. |
| 2298 | 26.22 - 08 | 52.8 - 1.6 | II. | 2348 | 48.63+18 | 33.1+1 6 | 842 |
| 2300 | 52.52+11 | 55.6 - 1.4 | III. | 2349 | 56.29 - 01 | 48.9+1.6 | X. |
| 2301 | 2.75 - 21 | 12.6+0.6 | IV. | 2350 | 0.34 - 09 | 25.7+1.7 | 841 |
| 2302 | 9.39 - 10 | 31.8+0.9 | 841 | 2352 | 24.81 - 02 | 17.9 - 1.5 | 856 |
| 2305 | 20.71 - 16 | 13.3 - 0.8 | 841 | 2354 | 35.95+03 | 0.4+2.3 | 876 |
| 2307 | 28.79 00 | 55.2+3.0 | V. | 2363 | 27.60 - 04 | 18.7 - 0.7 | 876 |
| 2312 | 46.76+16 | 19.8+1.2 | VI. | 2364 | 29.65 - 03 | 42.9+0.7 | 843 |
| 2315 | 51.76 - 03 | 5.8+3.5 | 856 | 2366 | 56.42+02 | 53.8+3.7 | 841 |
| 2318 | 13.61 - 10 | 31 1 - 1.5 | 841 | 2367 | 58.76+24 | 50.5 - 0.6 | XI. |
| 2319 | 24.36 00 | 19.7+1.9 | VII. | 2368 | 59.31 - 08 | 37.8 - 0.2 | XII. |
| 2322 | 1.14+12 | 9.0 - 1.1 | 875 | 2369 | 1.14+03 | 12.9+1.1 | 875 |
| 2328 | 14.27 - 05 | 34.5+0.8 | VIII. | 2370 | 10.95 - 13 | 42.8 - 1.1 | 856 |
| 2329 | 16.56+01 | 30.4+0.9 | 841 | 2374 | 31.24+06 | 35.2+1.1 | 842 |
| 2331 | 21.74 - 06 | 22.4+0.7 | 875 | 2377 | 40.17 - 08 | 42.6+1.5 | 876 |
| 2332 | 25.36+05 | 59.6+3.1 | 876 | 2381 | 6.87 - 03 | 49.7 - 0.7 | XIII. |
| 2333 | 27.30 - 11 | 0.5+1.4 | 876 | 2382 | 9.13 - 01 | 3.4 - 0.3 | XIV. |
| 2334 | 38.06 - 08 | 14.2+0.7 | 841 | 2384 | 20.35 - 15 | 49.3 - 1.8 | XV. |
| 2336 | 49.01 - 22 | 24.9 - 2.0 | 876 | 2386 | 41.07 - 03 | 52.3 - 2.8 | XVI. |
| 2339 | 0.92 - 07 | 34.0+1.4 | 877 | 2391 | 38.82 - 02 | 55.6+0.7 | 875 |
| 2341 | 6.91 - 10 | 41.4 - 0.8 | 841 | 2393 | 58.50 - 06 | 45.5 - 0.6 | XVII. |
| 2342 | 10.66+16 | 42.1 - 0.3 | 825 | 2395 | 2.71 - 02 | 58.2+0.3 | XVIII. |

I. (825) -0.04 +0.3; (843) +0.07 -0.4; (856) -0.03 +0.1. II. (841) +0.01 +0.9; (876) 0.00 -0.8. III. (842) +0.03 -0.3; (875) -0.03 +0.3. IV. (843) +0.06 +0.5; (856) -0.05 -0.5. V. (842) +0.03 -1.3; (875) -0.03 +1.3. VI. (825) +0.03 -1.5; (854) -0.02 +1.6. VII. (842) +0.02 -0.8; (856) -0.06 +1.5; (875) +0.04 -0.6. VIII. (842) 0.00 +1.2; (856) +0.05 -0.4; (875) -0.06 -0.9. IX. (843) +0.07 +0.9; (856) -0.07 -0.8. X. (825) -0.08 -0.3; (843) +0.08 +0.4. XI. (842) 0 00 -2.3; (875) 0.00 +2.4. XII. (825) +0.10 -1.6; (843) -0.12 -0.9; (856) +0.03 +2.4. XIII. (841) +0.03 +1.8; (876) -0.03 -1.8. XIV. (843) 0.00 -0.9; (856) +0.02 +0.9; (874) -0.02 -0.1. XV. (841) -0.07 +0.8; (876) +0.07 -0.8. XVI. (841) -0.03 0.0; (842) +0.04 —. XVII. (841) +0.02 +1.2; (876) -0.02 -1.2. XVIII. (856) +0.02 -0.7; (875) -0.01 +0.7.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2396 | 22.83 - 19 | 49.4+2.1 | I. | 2454 | 1.67 - 15 | 44.8+0.6 | XIII. |
| 2397 | 29.74+76 | 22.0 - 0.5 | 842 | 2459 | 41.91 - 01 | 31.7 - 3.0 | XIV. |
| 2398 | 31.56 - 15 | 54.5 - 4.5 | 843 | 2460 | 57.37 - 20 | 19.2 - 3.1 | XV. |
| 2401 | 4.09+11 | 36.0+1.5 | 875 | 2469 | 3.93+04 | 13.7+1.7 | 876 |
| 2403 | 26.27+12 | 38.3+1.5 | 875 | 2466 | 38.24 - 15 | 57.6 - 2.8 | 875 |
| 2404 | 45.56+01 | 52.7+0.8 | II. | 2470 | 7.64+07 | 43.4+1.5 | XVI. |
| 2418 | 33.82+20 | 31.6+3.7 | 874 | 2473 | 19.43+14 | 49.5 - 4.6 | 876 |
| 2420 | 54.14 - 02 | 18.9+2.1 | III. | 2474 | 22.15 - 04 | — — | 841 |
| 2422 | 0.12 - 07 | — — | 842 | 2477 | 56.25+11 | 9.3+0.3 | XVII. |
| 2424 | 12.37+02 | 23.0 - 5.4 | IV. | 2479 | 0.38+01 | 0.2 - 0.1 | 876 |
| 2425 | 32.93+07 | 51.2+0.5 | 842 | 2480 | 23.00+05 | 57.5 - 0.9 | 841 |
| 2428 | 22.34+05 | 21.1 - 0.1 | V. | 2481 | 25.08+08 | 23.9 - 2.4 | 874 |
| 2430 | 30.48+34 | 33.1 - 0.4 | 875 | 2483 | 38.06 - 29 | 9.0+0.7 | XVIII. |
| 2431 | 41.17+13 | 8.9 0.0 | 842 | 2485 | 2.32 - 07 | 13.4 - 0.9 | 841 |
| 2432 | 47.01 - 06 | 38.5+0.1 | VI. | 2487 | 4.75 - 15 | 53.5 - 1.6 | 874 |
| 2434 | 48.81+08 | 52.2 - 2 5 | 841 | 2486 | 4.56 - 17 | 33.0 - 3.3 | 841 |
| 2433 | 48.67 - 14 | 11.7 - 2.5 | 876 | 2488 | 6.96 - 13 | 48.9 - 3.0 | 842 |
| 2437 | 30.05+13 | 26.6 - 3.2 | VII. | 2490 | 10.59 - 15 | 26.4 - 4.4 | 874 |
| 2438 | 33.55 - 07 | 53.6 - 2.6 | 856 | 2494 | 5.80 - 07 | 58.6 - 1.6 | 842 |
| 2440 | 37.64 00 | 27.6+1.2 | VIII. | 2498 | 16.84 - 12 | 39.7 - 0.1 | 876 |
| 2443 | 6.84+08 | 1.1 - 1.1 | IX. | 2499 | 19.50+08 | 26.2+0.9 | 874 |
| 2444 | 18.38 - 34 | 30.4+1.2 | X. | 2500 | 32.70 - 05 | 25.2+2.0 | 843 |
| 2447 | 35.17 - 06 | 11.3+0.4 | XI. | 2504 | 7.98 - 28 | 4.1 - 1.0 | 841 |
| 2450 | 44.61+02 | 53.1 - 1.3 | XII. | 2505 | 16.90 - 18 | 50.3 - 5.3 | XIX. |

I. (825) -0.01 -1.0; (843) +0.07 -0.7; (874) -0.05 +1.6. II. (843) +0.05 +0.4; (856) -0.05 -0.3. III. (856) +0.03 0.0; (875) -0.02 +0.1. IV. (825) -0.06 +0.7; (843) +0.06 -0.7. V. (843) 0.00 +0.8; (856) +0.01 -0.8. VI. (843) -0.09 -1.9; (874) +0.09 +1.9. VII. (842) +0.06 -0.7; (875) -0.05 +0.7. VIII. (841) -0.02 +1.5; (876) +0.03 -1.5. IX. (842) +0.02 +0.9; (875) -0.02 -0.9. X. (856) +0.03 —; (874) -0.02 0.0. XI. (841) +0.02 +0.8; (876) -0.01 -0.8. XII. (842) -0.05 +1.2; (875) +0.05 -1.2 XIII. (841) +0.06 -0.7; (875) -0.06 +0.8 XIV. (856) -0.01 -1.2; (874) +0.01 +1.2. XV. (856) +0.02 -0.2; (874) -0.02 +0.2. XVI. (842) +0.05 +1.0; (875) -0.04 -1.0. XVII. (842) -0.02 +0.5; (875) +0.02 -0.4. XVIII. (876) +0.03 0.0; (877) -0.03 —. XIX. (843) -0.01 -0.2; (874) +0.01 +0.3.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2506 | 22.59 - 05 | 34.7 - 0.8 | 876 | 2563 | 19.66+08 | 12.1 0.0 | 843 |
| 2509 | 50.26+16 | 23.8 - 1.8 | 842 | 2564 | 23.37+10 | 56.2 - 0.1 | 841 |
| 2511 | 5.08+01 | 49.2 - 0.1 | I. | 2565 | 26.03 - 15 | 55.2 - 2.4 | 876 |
| 2515 | 21.22+47 | 22.3 - 0.4 | 825 | 2566 | 27.28 ? | 21.6 - 13.5 | XI. |
| 2514 | 21.62 - 16 | 37.4 - 3.4 | 874 | 2567 | 28.65+43 | 54.1+1.2 | XII. |
| 2519 | 48.63 - 03 | 3.9 - 0.8 | II. | 2568 | 53.29 - 12 | 34.6 - 3.9 | XIII. |
| 2521 | 1.10 - 18 | 53.2 - 2.8 | 825 | 2571 | 2.10 - 08 | 44.5 - 2.7 | 874 |
| 2525 | 27.40 - 16 | — — | 842 | 2583 | 19.69 - 14 | 24.3+0.9 | XIV. |
| 2527 | 36.41 00 | 38.1+0.3 | III. | 2584 | 24.31+06 | 9.3 - 0.3 | 876 |
| 2530 | 54.43 - 01 | 20.7+1.1 | IV. | 2587 | 56.28+04 | 22.3+4.6 | XV. |
| 2531 | 16.01+02 | — — | 841 | 2588 | 57.32+02 | 35.1+2.1 | XVI. |
| 2534 | 29.35 - 08 | 7.1+3.8 | V. | 2591 | 22.44 - 01 | 59.1 - 0.3 | XVII. |
| 2537 | 43.14+07 | 59.1 - 0.2 | VI. | 2592 | 30.76 - 21 | 55.5+3.1 | 843 |
| 2538 | 49.65+18 | 50.0+2.3 | 856 | 2593 | 42.48 - 01 | 38.5+0.1 | XVIII. |
| 2540 | 51.86 - 08 | 31.1+2.8 | VII. | 2594 | 46.16 - 09 | 5.3 - 0.5 | XIX. |
| 2543 | 32.21+65 | 3.5 - 5.8 | 841 | 2599 | 7.26+07 | 1.6 - 1.4 | XX. |
| 2547 | 56.62+01 | 45.2 - 0.1 | VIII. | 2602 | 23.00+01 | 5.4+14.5 | 875 |
| 2546 | 56.66+22 | 54.1+1.8 | 856 | 2603 | 25.75+23 | 47.9+1.8 | XXI. |
| 2550 | 14.28+01 | 22.0 - 0.3 | IX. | 2605 | 41.48 - 03 | 38.3+0.2 | XXII. |
| 2552 | 17.43+08 | 18.4 - 0.8 | X. | 2604 | 41.43 - 26 | 47.4+1.0 | XXIII. |
| 2554 | 25.10+89 | 39.6 - 3.1 | 874 | 2610 | 9.32 - 02 | 18.0+1.1 | 875 |

I. (843) +0.09 +0.6; (856) -0.09 -0.6. II. (843) +0.03 -1.2; (856) -0.11 -1.5; (874) +0.07 +2.6. III. (841) -0.10 -0.3; (876) +0.10 +0.3. IV. (856) +0.04 +1.3; (875) -0.04 -1.2. V. (825) -0.08 +1.9; (843) +0.04 -1.8; (874) +0.03 0.0. VI. (825) -0.08 +1.0; (843) +0.08 -0.9. VII. (841) -0.01 -3.9; (876) +0.01 +4.0. VIII. (856) -0.06 -2.2; (874) +0.07 +2.3. IX. (842) -0.06 —; (843) +0.07 0.0. X. (842) -0.13 -0.1; (843) +0.13 +0.2. XI. (842) +0.11 +0.6; (875) -0.10 -0.6. XII. (842) -0.03 +1.2; (875) +0.04 -1.1. XIII. (814) -0.03 -0.6.; (876) +0.03 +0.7. XIV. (843) +0.05 +1.0; (856) -0.10 -2.0; (874) +0.06 +0.9. XV. (842) -0.05 +0.1; (875) +0.06 -0.1. XVI. (843) +0.08 +2.1; (856) -0.10 -2.9; (874) +0.03 +0.9. XVII. (841) -0.04 +0.7; (876) +0.04 -0.6. XVIII. (842) -0.01 +0.8; (875) +0.01 -0.8. XIX. (841) -0.04 +1.6; (876) +0.05 -1.5. XX. (843) +0.05 +1.3; (856) -0.05 -1.3. XXI. (843) +0.03 +0.3; 856) -0.03; -0.2. XXII. (825) -0.12 -0.8; (874) +0.13 +0.9. XXIII. (841) -0.02 -0.5; (876) +0.03 +0.6.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2617 | 2.17 - 02 | 2.4 - 3.7 | 856 | 2692 | 47.81 - 02 | 5.7 - 0.1 | 843 |
| 2618 | 18.67 - 01 | 6.3+0.9 | I. | 2696 | 22.20 - 21 | 20.7 - 1.3 | 874 |
| 2621 | 25.00+08 | 19.2 - 0.4 | II. | 2698 | 48.24+06 | 7.7 - 0.7 | X. |
| 2625 | 37.69+43 | 40.2 - 2.7 | 875 | 2701 | 0.77 - 09 | 56.9+0.7 | 876 |
| 2628 | 55.95 00 | 18.1 0.0 | III. | 2702 | 2.81+16 | 18.1 - 0.4 | XI. |
| 2627 | 56.54 - 73 | 51.7 - 0.7 | 875 | 2705 | 22.63+04 | 23.9 - 1.3 | 842 |
| 2629 | 1.61+08 | 55.6+2.6 | 856 | 2710 | 56.25 - 04 | 18.7 - 2.3 | XII. |
| 2633 | 11.63+07 | 7.4 - 0.8 | 841 | 2712 | 5.10 - 05 | 18.9+0.4 | 876 |
| 2637 | 39.30 - 01 | 51.1+1.2 | IV. | 2715 | 11.12 - 01 | 30.7 - 0.7 | 876 |
| 2640 | 1.79+12 | 48.6+0.2 | 875 | 2720 | 35.10+03 | 25.0 - 0.7 | 875 |
| 2643 | 27.40+04 | 43.8+1.9 | V. | 2721 | 39.67 - 12 | 2.7 - 0.5 | 876 |
| 2650 | 3.85 - 02 | 17.5 - 6.3 | 841 | 2725 | 59.08+16 | 19.7 - 4.4 | 874 |
| 2654 | 34.38+08 | 12.7+3.1 | VI. | 2728 | 27.20 - 02 | 8.1 - 6.5 | XIII. |
| 2655 | 38.18 - 01 | 23.5 0.0 | VII. | 2729 | 37.23+15 | 6.0 - 0.4 | 842 |
| 2656 | 44.11 00 | 0.3 - 0.8 | 842 | 2730 | 42.39 - 03 | 28.7 - 1.0 | 876 |
| 2657 | 46.92+03 | 6.8 - 0.7 | VIII. | 2732 | 53.22+01 | 31.6 - 2.8 | XIV. |
| 2664 | 16.93+04 | 45.0+0.1 | 875 | 2734 | 58.10+20 | 4.0 - 0.1 | 874 |
| 2669 | 59.05+07 | 56.6+5.2 | 875 | 2736 | 7.96 - 13 | 19.9+2.2 | 876 |
| 2670 | 3.33 - 18 | 28.8+1.6 | 876 | 2744 | 40.89+33 | 22.9+2.8 | 856 |
| 2671 | 8.63+11 | 20.1 - 0.7 | IX. | 2746 | 54.20 - 08 | 39.5+1.0 | 875 |
| 2678 | 43.16+08 | 42.0+1.1 | 856 | 2747 | 56.07 - 01 | 8.3+2.0 | 879 |
| 2679 | 45.07+04 | 6.8+1.6 | 843 | 2748 | 57.54+16 | 55.3 - 0.4 | XV. |
| 2681 | 49.91+07 | 24.0 - 4.1 | 842 | 2749 | 3.97+18 | 36.7+2.4 | 842 |
| 2687 | 20.45 - 18 | 13.4 - 1.9 | 842 | 2751 | 20.20 - 16 | 30.8 - 0.6 | 876 |
| 2689 | 35.74+05 | 10.1 - 0.1 | 856 | 2753 | 40.12+03 | 34.8+0.2 | XVI. |

I. (841) -0.03 +1.5; (876) +0.03 -1.4 II. (825) -0.07 +3.3; (874) +0.07 -3.2. III. (825) -0.05 -0.2; (843) +0.06 +0.2. IV. (843) -0.04 -1.5; (874) +0.05 +1.6. V. (843) +0.07 +1.0; (856) -0.07 -0.9. VI. (825) -0.07 +2.8; (874) +0.08 -2.8. VII. (843) +0.02 +2.0; (856) -0.01 -1.9. VIII. (843) +0.02 -0.6; (856) -0.02 +0.6. IX. (842) -0.08 -0.2; (875) +0.08 +0.3. X. (843) +0.02 +1.7; (874) -0.01 -1.7. XI. (843) +0.02 +0.7; (874) -0.01 -0.6. XII. (843) -0.01 -0.7; (856) -0.01 -0.4; (874) +0.03 +1.1. XIII. (843) +0.09 +2.5; (856) -0.08 -2.4. XIV. (825) -0.03 +1.3; (843) +0.03 -1.2. XV. (825) -0.06 +0.8; (843) +0.07 -0.8. XVI. (824) -0.04 +0.3; (843) +0.04 -0.3.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2755 | 44.04+11 | 24.7 - 0.8 | 842 | 2858 | 39.52 - 46 | 59.7+1.7 | 879 |
| 2756 | 50.15+13 | 14.6 - 2.0 | 875 | 2883 | 53.39+08 | 11.4+2.1 | 879 |
| 2761 | 21.35+08 | 53.2 - 1.4 | I. | 2894 | 21.96 - 95 | 48.5 - 0.1 | 879 |
| 2763 | 48.12 - 10 | 13.6+0.4 | 876 | 2997 | 58.52+12 | 53.1 - 2.1 | 843 |
| 2766 | 43.73 - 11 | 31.2 0.0 | 843 | 3028 | 3.33 - 10 | — — | 843 |
| 2767 | 50.98+21 | 59.5 - 0.6 | 879 | 3044 | 59.71+03 | 54.6 - 3.7 | 843 |
| 2769 | 55.41+37 | 51.3 - 2.6 | 879 | 3058 | 4.54 - 21 | 20.8 - 2.9 | 843 |
| 2771 | 0.58 - 15 | 2.7 - 2.3 | 876 | 3072 | 8.26 - 20 | 21.0 - 5.1 | 843 |
| 2776 | 56.17+12 | 12.2 - 3.4 | 842 | 3079 | 24.36 - 24 | 37.4 - 5.9 | 843 |
| 2780 | 17.13 - 09 | 29.4+2.2 | 843 | 3081 | 27.69 - 17 | 44.6 - 6.3 | 843 |
| 2785 | 38.54+01 | — — | 875 | 3104 | 54.76 - 16 | 19.6 - 5.5 | 843 |
| 2786 | 46.19+14 | 51.0 - 0.3 | 879 | 3114 | 55.51+38 | — — | 843 |
| 2789 | 56.39+16 | 0.5+0.1 | II. | 3131 | 50.00 - 13 | 54.6 - 2.1 | 843 |
| 2794 | 21.76 - 01 | 7.1+3.5 | 876 | 3148 | 4.46+10 | 2.0 - 1.1 | 843 |
| 2795 | 23.69+13 | 58.9 - 1.4 | III. | 3150 | 18.54 - 16 | 7.8 - 5.1 | 843 |
| 2799 | 37.62+15 | 47.5 - 3.0 | 842 | 3167 | 31.96+31 | 35.8 - 1.8 | 843 |
| 2802 | 10.94+10 | 18.7+3.9 | 876 | 3175 | 29.59 00 | 21.0 - 8.3 | 843 |
| 2809 | 44.85+02 | 7.5 - 1.5 | 876 | 3177 | 37.89+15 | 23.3+0.7 | 880 |
| 2818 | 22.96 - 14 | 0.3 - 0.9 | 876 | 3195 | 34.27+06 | — — | 843 |
| 2820 | 48.65+23 | 12.1 - 4.7 | IV. | 3197 | 38.21+65 | — — | 843 |
| 2822 | 8.68+10 | 7.2 - 2.0 | 842 | 3231 | 22.34+07 | 41.0+1.7 | 880 |
| 2824 | 10.87+03 | 28.7+0.7 | 876 | 3242 | 56.17+08 | 25.9 - 0.1 | 880 |
| 2829 | 24.17+16 | 58.1 0.0 | 879 | 3281 | 19.37+11 | 24.5+0.3 | 880 |
| 2834 | 50.21 - 01 | 54.4 0.0 | 876 | 3297 | 7.95+17 | — — | 882 |
| 2837 | 2.97+34 | 9.4 - 1.8 | V. | 3325 | 48.98+02 | 10.5+0.5 | 882 |
| 2839 | 7.38+07 | 21.2 - 2.2 | 843 | 3328 | 55.71+16 | 15.4+2.9 | 881 |
| 2840 | 11.97+06 | 38.5+0.3 | 879 | 3333 | 14.60+03 | 54.9+1.3 | 882 |
| 2846 | 55.05 - 01 | 46.1+0.3 | 879 | 3339 | 36.07 - 04 | 26.3 - 2.1 | 882 |
| 2855 | 17.95 - 04 | 4.5+7.6 | 876 | 3340 | 38.46 - 02 | 30.0+1.7 | 881 |

I. (842) -0.02 +1.7; (875) +0.03 -1.7. II. (842) +0.05 +1.8; (856) -0.05 -1.8. III. (842) -0.04 +0.8; (856) +0.04 -0.8. IV. (825) 0.00 +1.2; (843) +0.01 -1.1. V. (825) +0.20 +0.3; (843) -0.20 -0.2.



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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 3341 | 44.67+16 | 22.8+0.3 | 881 | 3462 | 50.19+02 | 51.0 - 1.0 | 883 |
| 3344 | 5.06 - 04 | 27.4 - 0.1 | 880 | 3465 | 55.92 - 02 | 54.2+0.4 | 881 |
| 3355 | 45.48 - 14 | 18.0 - 2.1 | 826 | 3468 | 12.36+10 | 6.2 0.0 | 826 |
| 3359 | 54.76 - 13 | 27.6+0.8 | 881 | 3470 | 22.91 - 06 | 48.3+1.1 | 882 |
| 3363 | 10.40+09 | 11.2 - 1.4 | 882 | 3471 | 24.79+09 | 33.1+2.7 | 827 |
| 3364 | 12.25+02 | 15.0+1.5 | 881 | 3472 | 33.71+13 | 55.0+0.5 | 881 |
| 3367 | 22.17 - 05 | 8.1 - 1.2 | 883 | 3473 | 35.27+01 | 20.4+1.1 | 826 |
| 3376 | 51.31+01 | 17.9 - 2.1 | 882 | 3474 | 37.33 - 10 | 42.8+1.9 | 882 |
| 3379 | 5.07+09 | 11.5+1.2 | 881 | 3482 | 59.11+20 | 25.0+4.1 | 847 |
| 3383 | 14.72+22 | 1.1+0.5 | 881 | 3484 | 7.69+04 | 13.6+1.7 | 883 |
| 3384 | 21.30 - 12 | 20.9 - 0.5 | 882 | 3494 | 49.93+54 | 36.7+0.2 | 826 |
| 3396 | 56.62+12 | 13.4+1.1 | 883 | 3498 | 7.38+18 | 18.1+3.4 | 881 |
| 3397 | 57.08 - 12 | 51.9 - 0.3 | 880 | 3499 | 11.92 - 14 | 22.4+3.4 | 883 |
| 3401 | 3.75 - 08 | 46.7 - 1.8 | 880 | 3501 | 14.33+16 | 35.7 0.0 | 847 |
| 3406 | 9.63 - 04 | 0.4+2.4 | 881 | 3504 | 31.12 - 02 | 9.2 - 0.6 | II. |
| 3407 | 10.93+02 | 48.4 - 0.9 | 882 | 3508 | 40.59+22 | 55.0 0.0 | 881 |
| 3410 | 18.76 - 01 | 22.5 - 2.1 | 827 | 3509 | 45.35+37 | 52.8 - 2.8 | 827 |
| 3414 | 27.80 - 07 | 36.8 - 2.7 | 882 | 3510 | 47.46 - 30 | 48.7+2.0 | 882 |
| 3415 | 34.66+06 | 32.1+2.1 | 883 | 3516 | 5.74 - 09 | 45.8 - 1.4 | III. |
| 3418 | 42.91+03 | 4.3+1.6 | 881 | 3517 | 10.24 - 22 | 28.0 - 0.1 | 847 |
| 3420 | 46.96 00 | 31.8+1.4 | 883 | 3524 | 29.83+03 | 55.6 - 0.1 | 880 |
| 3427 | 4.78+18 | 15.6 - 4.8 | 882 | 3525 | 30.11+01 | 58.4+0.7 | IV. |
| 3430 | 15.31+15 | 19.3+1.8 | 881 | 3526 | 31.77 - 05 | 45.1+3.5 | 847 |
| 3441 | 41.31+15 | 49.5+1.8 | 881 | 3529 | 35.09+04 | 1.5+2.2 | 880 |
| 3446 | 4.51 - 16 | 34.8 - 1.5 | 882 | 3523 | 39.82 - 06 | 16.3+2.0 | V. |
| 3448 | 13.97+08 | 2.2+0.8 | I. | 3532 | 46.95+13 | 48.9+1.3 | 881 |
| 3456 | 30.62+21 | 52.7+2.0 | 883 | 3534 | 51.18+14 | 36.0+7.1 | 883 |
| 3460 | 41.28+03 | 36.6 - 1.8 | 882 | 3544 | 49.52+07 | 20.8+1.0 | VI. |

I. (847) +0.02 +0.8; (881) -0.01 -0.8. II. (826) -0.02 -0.2; (883) +0.02 +0.3.
III. (826) +0.03 -0.5; (833) -0.03 +0.6. IV. (827) -0.06 +0.1; (822) +0.06 -0.1.
V. (827) -0.15 +0.3; (882) +0.15 -0.3. VI. (827) -0.03 -0.9; (882) +0.04 +1.0.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 3546 | 0.38+15 | 38.5+0.8 | I. | 3630 | 45.92 - 01 | 51.3+1.1 | 847 |
| 3557 | 28.62 - 04 | 45.1+2.1 | II. | 3632 | 53.21 - 10 | 42.8 - 1.2 | 847 |
| 3560 | 32.76 - 03 | 37.4 - 0.8 | 827 | 3635 | 57.26 - 04 | 43.8+1.5 | 847 |
| 3563 | 34.65 - 16 | 6.9+1.8 | 847 | 3638 | 16.86+16 | 5.0+3.6 | 881 |
| 3562 | 34.49+02 | 17.0 - 1.1 | 826 | 3642 | 23.28+20 | 57.2+0.6 | 827 |
| 3574 | 11.16+19 | 7.4+0.1 | 881 | 3643 | 30.11+16 | 27.7+1.7 | 847 |
| 3575 | 11.53+01 | 32.0+1.9 | 826 | 3647 | 41.03+11 | 26.0+0.2 | 882 |
| 3576 | 11.98+08 | 46.5 - 9.8 | 827 | 3648 | 44.71+07 | 14.1 - 2.0 | 881 |
| 3579 | 33.71 - 04 | 39.3 - 1.0 | III. | 3650 | 54.62+01 | 54.4+1.2 | IX. |
| 3580 | 34.52+07 | 50.8 - 3.8 | 882 | 3655 | 22.79+20 | 50.0+1.4 | 827 |
| 3589 | 57.99+13 | 35.9+0.8 | IV. | 3657 | 39.20+26 | 31.4 - 0.6 | X. |
| 3591 | 27.60 - 08 | 48.2 - 1.5 | 880 | 3661 | 50.77+18 | 39.6+1.6 | XI. |
| 3592 | 36.21 - 03 | 50.6 - 0.8 | V. | 3666 | 3.73+09 | — — | 881 |
| 3593 | 41.62+10 | 16.6 - 2.3 | 826 | 3675 | 38.10+10 | — — | 881 |
| 3594 | 44.89 - 41 | 53.4+2.0 | 883 | 3678 | 51.55 - 09 | 44.5 - 1.8 | 826 |
| 3595 | 47.23+11 | 46.9 - 0.9 | 883 | 3684 | 6.05+35 | — — | 881 |
| 3599 | 2.24+21 | 3.4 - 1.0 | 826 | 3686 | 15.59 - 09 | 51.1+0.8 | 827 |
| 3601 | 5.96+21 | 51.8 - 0.6 | 826 | 3692 | 40.14 - 13 | 13.3 - 1.8 | 826 |
| 3605 | 30.44+10 | 25.0 - 1.6 | 881 | 3695 | 50.89+03 | 6.1 - 1.3 | 882 |
| 3607 | 38.29 - 03 | 32.0+3.0 | 882 | 3699 | 7.89+10 | 56.1+0.3 | XII. |
| 3609 | 0.67 - 06 | 46.0 - 0.8 | VI. | 3700 | 8.88 - 07 | 53.0+1.2 | 827 |
| 3614 | 9.34+01 | 4.6 - 0.9 | 827 | 3702 | 14.41 - 05 | 49.9+6.3 | 847 |
| 3617 | 34.02 - 01 | 33.8+1.3 | 847 | 3703 | 19.22 - 17 | 43.6+1.6 | 880 |
| 3619 | 43.01+11 | 6.9+1.2 | VII. | 3704 | 21.54 - 11 | 14.5 - 0.6 | 880 |
| 3623 | 10.74+09 | 25.5+1.8 | 827 | 3707 | 28.56+13 | 18.9+1.9 | 882 |
| 3628 | 36.06+12 | 54.7 - 0.5 | 826 | 3712 | 40.80+17 | 38.4+3.2 | 827 |
| 3629 | 38.29+19 | 37.3+5.4 | VIII. | 3713 | 43.65 - 05 | 12.4+1.1 | 882 |

I. (826) -0.05 +0.6; (883) +0.06 -0.6. II. (826) -0.09 +0.3; (883) +0.09 -0.2.
III. (847) 0.00 +0.4; (880) +0.01 -0.4. IV. (827) -0.11 +0.2; (882) +0.11 -0.1.
V. (847) +0.03 +0.8; (881) -0.03 -0.7. VI. (847) -0.03 +0.2; (880) +0.03 -0.2.
VII. (826) +0.05 +1.8; (883) -0.05 -1.7. VIII. (826) +0.03 -0.1; (883) -0.02 +0.1.
IX. (826) +0.05 -0.4; (883) -0.04 +0.5. X. (827) -0.01 -1.6; (882) +0.02 +1.7.
XI. (827) -0.05 -1.1; (882) +0.05 +1.2. XII. (847) +0.11 -1.6; (881) -0.10 +1.7.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
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| | ″ | ″ | | | ″ | ″ ″ | |
| 3715 | 45.97 - 12 | 47.8 - 0.6 | I. | 3804 | 25.99 - 06 | — — | 827 |
| 3716 | 47.41 - 08 | 43.2 - 2.3 | II. | 3807 | 29.36 - 24 | 51.4 - 1.7 | 849 |
| 3717 | 55.99 - 02 | 44.7 - 1.2 | 826 | 3809 | 32.71+19 | 26.5 - 9.4 | 883 |
| 3719 | 3.73 - 04 | 52.2 - 0.2 | 881 | 3812 | 46.84+12 | 19.2 - 1.3 | 882 |
| 3722 | 10.59 - 04 | 39.1+0.2 | III. | 3819 | 8.82 - 06 | 40.9 - 1.5 | VI. |
| 3723 | 14.03+06 | 15.8 - 0.1 | 883 | 3824 | 30.43 - 05 | 46.4+0.2 | VII. |
| 3730 | 45.07+02 | 40.5 - 0.1 | 847 | 3825 | 32.33+08 | 5.0 - 1.4 | 826 |
| 3731 | 51.88+11 | 43.7+0.2 | 827 | 3830 | 48.49+15 | 4.3+1.4 | 882 |
| 3734 | 7.10 - 01 | 5.9+0.7 | 882 | 3831 | 4.47 00 | 47.1 - 3.2 | 882 |
| 3739 | 21.14 - 18 | 9.0 - 1.2 | 826 | 3836 | 18.77 - 08 | 42.2 - 0.4 | VIII. |
| 3747 | 48.89+05 | 28.7+1.5 | 882 | 3837 | 20.94+12 | 9.9+1.9 | 847 |
| 3748 | 51.79 - 17 | 59.2 - 0.1 | 847 | 3841 | 32.04 - 02 | 45.5+1.0 | 883 |
| 3753 | 3.83+03 | 49.6 - 0.7 | 827 | 3843 | 33.21 - 04 | 44.2 - 1.8 | IX. |
| 3754 | 8.34 - 11 | 27.0 - 0.6 | 826 | 3842 | 33.00 - 53 | 47.9 - 1.3 | 849 |
| 3764 | 47.08 - 05 | 42.3 - 2.2 | IV. | 3848 | 42.67+07 | 51.1 - 3.5 | 831 |
| 3767 | 51.04+07 | 50.3+1.7 | 826 | 3849 | 45.31 - 07 | 29.7+1.7 | 847 |
| 3768 | 55.94+06 | 4.2 - 1.9 | 847 | 3858 | 16.90 00 | 38.4+0.2 | X. |
| 3774 | 28.11+26 | 49.2 - 0.5 | 826 | 3867 | 44.32+21 | 46.5+1.0 | XI. |
| 3775 | 31.08+10 | 15.8 - 0.5 | V. | 3870 | 58.66 - 06 | 20.7 - 1.0 | 882 |
| 3778 | 44.86+06 | 33.7 - 0.2 | 847 | 3874 | 8.30 - 05 | 11.5+0.8 | 883 |
| 3786 | 23.89+02 | 50.7+2.8 | 826 | 3875 | 16.11+13 | 19.8 - 0.2 | XII. |
| 3788 | 28.88 00 | 1.6 - 2.6 | 847 | 3877 | 28.72 - 24 | 32.8+2.1 | 832 |
| 3791 | 33.93 - 01 | 2.1 - 0.6 | 847 | 3878 | 28.95 - 03 | 23.8+0.5 | 832 |
| 3793 | 43.12+04 | 22.6 - 1.7 | 883 | 3881 | 35.28+02 | 34.5 - 4.5 | 880 |
| 3799 | 8.20+21 | 16.3+1.7 | 882 | 3882 | 36.40 - 05 | 58.5+0.8 | 847 |
| 3800 | 12.11 - 13 | — — | 827 | 3884 | 42.55+01 | 52.0+2.4 | 827 |

**I.** (847) +0.07 -1.0; (881) -0.07 +0.9. **II.** (847) -0.01 -1.4; (881) +0.01 +1.5. **III.** (847) +0.05 +0.2; (891) -0.05 -0 2. **IV.** (827) -0.02 0.0; (849) +0.03 —. **V.** (827) 0.00 +0.3; (882) +0.01 -0.2. **VI.** (826) -0.03 +0.6; (832) +0.04 -1.2; (849) -0.01 +1.3; (883) +0.02 -0.6. **VII.** (827) -0.03 +1.0; (847) +0.04 -1.0. **VIII.** (826) -0.05 +1.4; (832) +0.07 -1.4; (849) -0.01 +0.1. **IX.** (827) -0.21 0.0; (882) +0.21 0.0. **X.** (826) -0.02 +0.7; (832) +0.05 -1.1; (849) -0.04 +0.3. **XI.** (826) -0.19 +1.6; (849) +0.20 -1.5. **XII.** (847) +0.08 +0.7; (881) -0.07 -0.7.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 3893 | 11.00+20 | 35.4 - 0.2 | I. | 3944 | 49.63 02 | 59.8+1.1 | 847 |
| 3895 | 12.80+20 | 23.3+0.8 | 882 | 3946 | 53.99+06 | 15.9 - 1.4 | IX. |
| 3984 | 13.11 - 13 | 49.8 - 1.6 | II. | 3947 | 0.53 - 14 | 19.0+1.5 | 848 |
| 3900 | 28.88 - 13 | 54.8 - 2.0 | 881 | 3949 | 9.18 - 06 | 45.9 - 1.2 | 881 |
| 3903 | 31.27 - 04 | 15.2+0.2 | 849 | 3952 | 15.16 00 | 5.7 - 4.1 | 882 |
| 3904 | 32.42+06 | 34.7 - 0.8 | 881 | 3953 | 15.26 - 05 | 57.5+1.5 | 848 |
| 3905 | 41.13 - 07 | 21.4+4.6 | 826 | 3954 | 23.52+02 | 23.2+0.7 | 848 |
| 3906 | 48.46+14 | 52.3+0.9 | 880 | 3957 | 35.16+03 | 24.4+6.6 | 847 |
| 3907 | 49.32+01 | 0.9+0.6 | 847 | 3959 | 39.13+02 | 21.1 - 3.7 | 880 |
| 3912 | 57.26 - 06 | 25.9+0.9 | 881 | 3962 | 0.80 - 11 | 41.1+1.1 | X. |
| 3914 | 58.25+16 | 14.4+14.9 | 883 | 3963 | 0.96 - 02 | 56.3 - 2.0 | 882 |
| 3916 | 1.90 - 06 | 20.4 - 0.5 | 849 | 3964 | 3.40 - 04 | 52.3 - 1.8 | 880 |
| 3917 | 6.04+06 | 57.8+0.1 | III. | 3965 | 18.93 - 15 | 26.9 - 1.6 | 880 |
| 3919 | 13 43+25 | 32.6 - 0.3 | 883 | 3977 | 48.08 00 | 55.5+1.8 | 847 |
| 3920 | 21.17 - 07 | 14.4 - 0.1 | IV. | 3979 | 51.55 - 11 | 19.8 - 2.0 | XI. |
| 3922 | 28.00 - 02 | 47.4 - 0.6 | V. | 3985 | 11.42+16 | 5.1+1.7 | 832 |
| 3924 | 38.96 - 10 | 18.1+0.4 | VI. | 3986 | 16.66 - 13 | 42.6+0.3 | XII. |
| 3928 | 56.70+06 | 20.1+1.1 | VII. | 3989 | 32.57+10 | 41.8 - 4.9 | 847 |
| 3929 | 2.86+07 | 10.3 - 0.3 | VIII. | 3991 | 44.30+08 | 45.2+0.3 | 880 |
| 3930 | 12.01+04 | 8.7+0.7 | 881 | 3992 | 45.76 - 01 | 57.5 - 4.4 | 847 |
| 3932 | 13.07+11 | 2.6 - 1.5 | 827 | 3995 | 0.78 - 01 | — — | 848 |
| 3933 | 14.91 - 05 | 0.5 - 1.5 | 826 | 3994 | 0.42+11 | 22.1+1.8 | 847 |
| 3938 | 37.17+02 | 25.0 - 1.2 | 880 | 4001 | 15.63+10 | 16.9+3.2 | XIII. |
| 3939 | 37.16+09 | 14.0 - 0.4 | 880 | 4003 | 17.98+06 | 38.2 - 1.8 | 880 |
| 3940 | 39.12+06 | 26.5+2.0 | 848 | 4005 | 20.56 - 11 | 25.2 0.0 | 881 |

**I.** (847) +0.07 -1.0; (881) -0.07 +1.0. **II.** (826) +0.01 +1.4; (883) 0.00 -1.3. **III.** (848) +0.04 -0.8; (882) -0.04 +0.8. **IV.** (827) -0.01 +1.3; (832) +0.02 -1.3. **V.** (847) -0.07 +0.4; (880) +0.07 -0.3. **VI.** (847) -0.02 -0.6; (880) +0.03 +0.6. **VII.** (826) 0.00 +0.1; (851) +0.01 0.0. **VIII.** (826) -0.02 +0.2; (849) [-0.44] —; (851) 0.00 -0.1; (883) +0.01 0.0. **IX.** (827) +0.01 -0.5; (882) 0.00 +0.5. **X.** (826) -0.06 +3.4; (849) +0.05 -0.6; (851) +0.01 -1.3; (883) +0.01 -1.6. **XI.** (849) -0.03 +0.5; (851) +0.03 -0.5. **XII.** (827) +0.04 +2.8; (848) +0.03 -2.2; (882) -0.08 -0.6. **XIII.** (832) +0.06 +0.9; (848) -0.06 -0.9.

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| Nummer | AR Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 4008 | 32.18+12 | 44.0 - 0.2 | I. | 4080 | 30.11+11 | 15.6+2.3 | 848 |
| 4009 | 34.69 ? | 29.7 - 1.4 | 882 | 4085 | 52.74+15 | 10.0 - 2.3 | XI. |
| 4010 | 42.18+09 | 15.4 - 1.5 | 881 | 4086 | 56.01 - 04 | 10.0 - 0.4 | 881 |
| 4017 | 11.54+04 | 4.1+0.6 | II. | 4089 | 8.24+09 | 10.2 - 1.3 | XII. |
| 4019 | 20.63+02 | 9.3 - 0.1 | 881 | 4091 | 23.05 - 16 | 46.2+2.1 | 881 |
| 4020 | 21.11+03 | 55.7 - 1.6 | 82 | 4095 | 37.12 - 08 | 55.7+1.1 | 881 |
| 4025 | 42.69 - 02 | 50.7 - 2.2 | 849 | 4096 | 47.77 - 45 | 45.6+0.6 | 882 |
| 4026 | 43.71+02 | 53.1+0.3 | III. | 4099 | 2.01 - 04 | 18.7+1.5 | XIII. |
| 4030 | 54.85+05 | 40.4 - 0.7 | IV. | 4102 | 23.70+21 | 24.5+0.2 | XIV. |
| 4034 | 20.06+06 | 56.5+0.4 | 881 | 4104 | 25.59+13 | 23.4+0.2 | XV. |
| 4038 | 33.99 - 05 | 25.7 - 2.4 | V. | 4109 | 38.15+08 | 25.6 - 2.9 | XVI. |
| 4044 | 10.44+15 | 26.8 - 1.9 | 882 | 4110 | 38.23+05 | 55.6 - 3.1 | XVII. |
| 4053 | 41.18+09 | 16.4+0.4 | VI. | 4111 | 39.75+01 | 26.6 - 0.3 | XVIII. |
| 4056 | 52.52 - 03 | 46.6+0.5 | 826 | 4112 | 42.36+15 | 25.0 - 0.3 | 847 |
| 4059 | 2.30 - 04 | 36.0 - 1.0 | VII. | 4113 | 43.31+03 | 31.0 - 3.3 | 847 |
| 4061 | 5.70 - 07 | 28.5 0.0 | 848 | 4117 | 17.36 - 02 | 18.6+1.4 | XIX. |
| 4060 | 5.75 - 05 | 28.4+0.6 | 881 | 4120 | 39.24 - 14 | 15.1+0.2 | 881 |
| 4062 | 15.36+12 | 9.7 - 0.5 | VIII. | 4125 | 54.96 - 06 | 43.8 - 1.8 | 848 |
| 4063 | 20.77+05 | 42.7+0.2 | 882 | 4126 | 57.35 - 11 | 43.5 0.0 | 881 |
| 4064 | 21.04+03 | 7.2+4.0 | IX. | 4127 | 2.39 - 01 | 32.6 - 2.8 | 847 |
| 4067 | 42.97 - 01 | 31.6+1.2 | 848 | 4129 | 11.76+05 | 46.7 - 1.8 | XX. |
| 4074 | 3.45+13 | 53.4+0.7 | X. | 4131 | 22.87+02 | 38.2 - 0.4 | XXI. |
| 4079 | 16.40 - 04 | 17.1 - 1.0 | 881 | 4136 | 34.91 - 14 | 20.4+0.7 | 832 |

I. (826) -0.02 +2.6; (849) +0.02 -2.5. II. (827) -0.02 0.0; (848) +0.03 -0.4; (882) -0.02 +0.3. III. (832) +0.13 0.0; (848) -0.13 —. IV. (826) -0.07 +2.9; (832) +0.07 -2.9. V. (826) -0.11 -0.5; (849) +0.10 +0.7; (883) 0.00 -0.2. VI. (849) -0.02 +0.3; (883) +0.03 -0.2. VII. (827) -0.07 -0.2; (832) +0.08 +0.2. VIII. (827) -0.15 -0.2; (832) +0.16 +0.2. IX. (849) -0.02 -0.7; (883) +0.03 +0.8. X. (82[illegible]) -0.08 +0.3; (848) +0.04 -0.2; (882) +0.04 -0.6. XI. (826) -0.04 +0.1; (849) +0.04 -0.1. XII. (827) +0.08 -0.3; (882) -0.08 +0.4. XIII. (832) +0.08 -1.4; (848) -0.07 +1.5. XIV. (826) -0.01 +1.7; (883) +0.01 -1.7. XV. (826) -0.02 +2.9; (832) -0.03 -3.0; (849) +0.06 +0.1. XVI. (827) +0.07 0.0; (882) -0.06 —. XVII. (827) +0.14 0.0; (882) -0.14 —. XVIII. (847) -0.04 -0.3; (881) +0.05 +0.4; XIX. (827) -0.03 -0.1; (832) +0.02 +1.5; (848) +0.01 -1.5. XX. (826) -0.07 +0.4; (832) +0.07 -0.4. XXI. (849) +0.01 -0.6; (851) -0.02 +0.6; (883) +0.01 [+9.7].

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|---|---|---|---|---|---|---|---|
| 4138 | 38.72 - 08 | 36.9 - 4.2 | 826 | 4202 | 14.14 - 01 | 47.2 - 2.8 | IX. |
| 4139 | 42.77 - 08 | 56.1 - 0.9 | 882 | 4203 | 20.50 00 | 32.0+0.4 | 826 |
| 4145 | 20.80+01 | 45.4 - 0.9 | I. | 4204 | 21.85 - 24 | 51.7 - 18.1 | 883 |
| 4147 | 28.86 - 13 | 33.7 - 2.2 | 849 | 4205 | 21.85 - 18 | 21.7 - 16.6 | 883 |
| 4150 | 37.18 - 08 | 52.6 - 0.1 | 881 | 4206 | 26.48 - 17 | 26.1 - 3.3 | X. |
| 4151 | 40.06 - 05 | 26.7 - 2.1 | 826 | 4215 | 47.28 - 09 | 12.5+0.3 | XI. |
| 4153 | 46.41+02 | 47.4+0.1 | II. | 4220 | 55.87+03 | 26.6 - 0.7 | 847 |
| 4156 | 50.61+03 | 49.2 - 0.7 | 847 | 4225 | 22.32+14 | 1.7 - 2.3 | 826 |
| 4158 | 58.71+02 | 30.8 0.0 | III. | 4226 | 25.38+19 | 31.2 - 0.9 | 847 |
| 4159 | 0.58+04 | 26.1+2.4 | 883 | 4229 | 36.47 - 05 | 50.6 - 1.2 | 851 |
| 4161 | 9.77 - 01 | 10.6 - 3.2 | 881 | 4232 | 55.19+12 | 8.6 - 0.6 | XII. |
| 4166 | 20.03 00 | 44.4 - 0.3 | 849 | 4240 | 15.93 - 17 | 33.9 - 3.0 | 847 |
| 4167 | 26.07+11 | 29.7 - 3.9 | 826 | 4241 | 18.50 - 24 | 44.7+0.2 | 827 |
| 4169 | 44.42+02 | 42.7 - 0.9 | 847 | 4243 | 21.50+06 | 32.8+0.8 | 848 |
| 4170 | 44.99 - 04 | 28.2 - 0.5 | IV. | 4244 | 21.72+11 | 30.3+2.4 | 849 |
| 4172 | 0.03 - 23 | 33.0 - 1.3 | V. | 4246 | 39.14 - 18 | 58.2 - 0.1 | XIII. |
| 4173 | 1.54 - 08 | 35.2 0.0 | 847 | 4255 | 11.14+04 | 33.0 - 0.5 | XIV. |
| 4175 | 5.54 - 09 | 39.5 - 3.1 | VI. | 4256 | 11.69 - 10 | 2.8+0.4 | XV. |
| 4178 | 11.04 - 33 | 56.3 - 1.2 | 847 | 4261 | 23.57 - 01 | 39.5+0.5 | XVI. |
| 4183 | 28.80 - 12 | 43.4 - 3.1 | 883 | 4266 | 42.41 - 09 | 59.0 - 0.7 | 827 |
| 4186 | 30.00 - 05 | 13.9 - 2.0 | VII. | 4268 | 52.07 - 45 | 12.9+1.3 | 847 |
| 4189 | 35.21 - 05 | 14.9 - 1.0 | 847 | 4276 | 25.98+07 | 46.3 - 1.8 | XVII. |
| 4197 | 0.90 - 01 | 1.9 - 1.4 | VIII. | 4281 | 35.98+03 | 5.4+1.4 | 848 |
| 4199 | 4.81 - 03 | 23.8+1.4 | 847 | 4284 | 52.37 - 18 | 47.8 - 0.3 | 847 |

I. (827)+0.09 +1.7; (832) +0.02 -1.9; (848) -0.07 —; (882) -0.03 +0.3. II. (851) -0.01 +0.2; (883) +0.01 -0.1. III. (827)+0.03 +1.3; (832)+0.09 -1.2; (848) +0.01 —; (882) -0.11 -0.2. IV. (826) +0.07 +2.4; (849) -0.06 -2.4. V. (848) 0.00 -1.0; (881) 0.00 +1.0. VI. (832) +0.09 -1.0; (882) -0.09 +1.1. VII. (826) -0.02 +1.3; (849) +0.02 -1.3. VIII. (827) -0.02 —; (832) +0.07 -1.9; (882) -0.06 +2.0. IX. (849) -0.09 +0.3; (883) +0.09 -0.3. X. (827) +0.08 —; (882) -0.07 0.0. XI. (832) -0.02 +0.1; (848)+0.02 0.0. XII. (827)+0.03 +0.2; (882) -0.02 -0.1. XIII. (849) -0.05+0.7; (883)+0.05 -0.6. XIV. (847)+0.06+0.6; (888) -0.06 -0.5. XV. (827)+0.03 +1.4; (848) -0.03 -1.3. XVI. (849) -0.06 -0.8; (883)+0.06 +0.9. XVII. (847) -0.05 0.0; (880)+0.05 —.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 4289 | 2.81 - 01 | 16.7+0.4 | I. | 4390 | 34.75 - 09 | 20.4 - 1.9 | 847 |
| 4293 | 18.62 00 | 2.6 - 2.4 | 849 | 4393 | 47.70+10 | 43.8+6.7 | 830 |
| 4295 | 21.54 - 04 | 17.1 - 0.9 | II. | 4399 | 6.91+18 | 11.2+3.0 | 849 |
| 4300 | 38.05+01 | 29.8+0.1 | III. | 4400 | 20.88+04 | 50.9 - 0.8 | 883 |
| 4303 | 49.13 - 14 | 11.0+1.2 | 830 | 4402 | 25.48 - 03 | 37.7+0.5 | 883 |
| 4304 | 49.38+11 | 9.4 - 0.1 | IV. | 4405 | 43.76 - 07 | 32.1 - 2.2 | 847 |
| 4313 | 19.86 - 39 | 21.5 - 2.8 | 848 | 4412 | 55.06 - 18 | 33.9 - 0.8 | 847 |
| 4315 | 22.06+08 | 17.1+5.9 | 849 | 4413 | 57.43+10 | 24.9+2.8 | 849 |
| 4316 | 22.16+03 | 20.8 - 0.9 | V. | 4420 | 27.46+09 | — — | 848 |
| 4324 | 35.71 - 24 | 38.7 - 1.9 | 849 | 4428 | 51.85+02 | 58.5+0.1 | 849 |
| 4331 | 52.62 - 09 | 2.4 - 1.9 | 847 | 4430 | 59.89+20 | 4.1 - 1.5 | 848 |
| 4330 | 52.80 - 27 | 40.3 - 3.2 | 883 | 4436 | 17.44+10 | 17.7 - 1.4 | 849 |
| 4336 | 20.26+22 | 15.0 - 0.9 | 847 | 4439 | 29.17 - 04 | 36.1 - 1.3 | 848 |
| 4338 | 27.28 - 05 | 22.0 - 1.9 | 880 | 4445 | 50.82+10 | 21.4 - 1.0 | 847 |
| 4340 | 28.38 - 19 | 20.9 - 0.3 | 848 | 4448 | 57.23+29 | 5.9 - 0.2 | 858 |
| 4341 | 32.10 - 02 | 20.8+0.1 | 880 | 4454 | 18.36+10 | 44.6 - 1.3 | 880 |
| 4344 | 37.66 00 | 20.6+0.9 | 848 | 4455 | 19.92 - 08 | 14.5 - 2.9 | 847 |
| 4345 | 38.71 - 10 | 50.9+1.9 | 883 | 4456 | 19.86+17 | 35.8+0.8 | 848 |
| 4350 | 48.53 - 18 | 41.6 0.0 | 883 | 4457 | 20.26 - 06 | 45.1 - 1.6 | 849 |
| 4356 | 7.98+26 | 54.3 - 2.0 | 849 | 4467 | 49.45 - 53 | 23.7 - 8.8 | VI. |
| 4357 | 13.53 - 15 | 38.1+0.9 | 849 | 4468 | 51.89 - 09 | 38.1 - 0.4 | 847 |
| 4360 | 23.29 - 05 | 28.0 - 2.5 | 847 | 4482 | 42.24 - 10 | 34.6 - 0.7 | 857 |
| 4363 | 28.89 - 06 | 31.2+1.0 | 832 | 4484 | 49.19 - 01 | 50.4+2.8 | VII. |
| 4365 | 30.79 - 05 | 23.2+1.0 | 848 | 4492 | 10.37 - 17 | 28.8+0.2 | 848 |
| 4370 | 55.29-0.26 | 51.5+0.2 | 847 | 4493 | 13.20 - 07 | 3.5 - 3.4 | 883 |
| 4376 | 8.85 - 08 | 55.9 - 6.9 | 832 | 4495 | 18.34+05 | 43.5 - 0.3 | VIII. |
| 4382 | 24.49 - 06 | 49.8+.09 | 848 | 4497 | 27.27+11 | 58.1 - 0.5 | 860 |
| 4389 | 34.61+01 | 35.6+0.8 | 848 | 4499 | 48.90 - 02 | 3.7+0.2 | IX. |

I. (427) -0.05 +0.1; (848) +0.06 -0.1. II. (847) +0.03 +1.4; (880) -0.03 -1.4. III. (827) -0.05 +0.1; (848) +0.06 -0.1. IV. (849) -0.02 -0.8; (883) +0.03 +0.8. V. (847) +0.02 -1.0; (880) -0.01 +1.1. VI. (848) -0.06 -0.4; (857) +0.06 +0.5. VII. (847) +0.08 +2.1; (862) -0.08 -2.1. VIII. (860) +0.02 +1.0; (861) -0.01 -0.9. IX. (860) +0.02 +1.0; (861) -0.01 -0.9.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 4502 | 57.00+12 | 34.6+1.7 | I. | 4588 | 6.22 00 | 10.7 - 3.2 | IX. |
| 4506 | 2.26 - 14 | 56.0 - 0.2 | 863 | 4590 | 10.47+02 | 44.3 - 1.3 | X. |
| 4508 | 3.88 - 24 | 10.9+1.3 | 848 | 4592 | 10.85+15 | 0.1+3.2 | 860 |
| 4509 | 3.92 - 06 | 5.5 0.0 | 848 | 4597 | 22.29 - 03 | 11.7+1.2 | XI. |
| 4511 | 10.69+21 | 48.0+1.6 | 847 | 4598 | 28.70+04 | 20.4 - 0.8 | XII. |
| 4514 | 21.53+18 | 27.4+0.5 | 848 | 4601 | 40.76 +06 | 32.4 - 2.5 | XIII. |
| 4520 | 41.03 +04 | 54.4+1.0 | 860 | 4603 | 51.21 - 15 | 35.7+2.6 | 861 |
| 4525 | 2.49 - 07 | 2.8+3.7 | 857 | 4669 | 16.51+03 | 37.0+1.6 | 832 |
| 4526 | 7.91 - 05 | 58.2 - 2.1 | 847 | 4610 | 19.10+08 | 18.7 - 5.1 | XIV. |
| 4527 | 8.97+13 | 21.8 - 5.4 | 860 | 4619 | 35.46+21 | 54.8+4.8 | 847 |
| 4529 | 10.82 - 39 | 0.6 - 2.9 | 857 | 4620 | 38.22+02 | 36.8+2.6 | 861 |
| 4536 | 29.23+16 | 42.9 - 3.5 | 832 | 4628 | 22.40 - 11 | 5.1+1.9 | 832 |
| 4538 | 31.14 - 07 | 48.4 - 0.3 | II. | 4629 | 22.95 - 25 | 58.4 - 2.6 | 861 |
| 4542 | 35.70 - 02 | 48.3 - 1.4 | 847 | 4630 | 25.91+11 | 46.5+5.1 | 862 |
| 4546 | 51.03 - 14 | 2.7+0.4 | III. | 4631 | 31.21 - 01 | 7.8 - 1.7 | 857 |
| 4553 | 9.07+06 | 45.5 - 3.3 | 847 | 4644 | 0.84+05 | 3.9 - 1.6 | 857 |
| 4554 | 9.41 - 06 | 41.5+3.3 | 848 | 4649 | 32.80 - 05 | 42.1+0.1 | XV. |
| 4556 | 25.84+16 | 0.8 - 1.4 | 860 | 4650 | 45.52+09 | 6.4+3.3 | 862 |
| 4559 | 33.53+19 | 33.7 - 3.0 | 862 | 4653 | 57.25 - 04 | 1.6+0.7 | 859 |
| 4566 | 58.73 - 07 | 1.0 - 0.3 | IV. | 4657 | 20.60 - 10 | 38.6+1.1 | 857 |
| 4571 | 4.86 - 04 | 28.6+0.6 | V. | 4661 | 37.66 - 03 | 50.2+7.8 | 862 |
| 4572 | 5.94+11 | 24.7+1.9 | VI. | 4664 | 46.17 - 35 | 43.7+2.1 | 857 |
| 4574 | 11.63+07 | 19.6 - 2.4 | VII. | 4667 | 1.06 - 18 | 37.4+3.4 | 857 |
| 4578 | 29.08+08 | 11.6+0.9 | 848 | 4681 | 48.61 - 18 | 9.2 0.0 | 862 |
| 4584 | 59.20 - 17 | 36.3+0.7 | VIII. | 4684 | 57.09 - 08 | 7.9+0.3 | XVI. |

**I.** (847) +0.06 +2.0; (862) -0.06 -2.0. **II.** (832) -0.02 +0.5; (857) +0.03 -0.5. **III.** (860) 0.00 +3.0; (861) 0.00 -3.0. **IV.** (849) +0.11 -0.4; (883) -0.11 +0.4. **V.** (847) +0 05 +0.9; (862) -0.04 -0.9. **VI.** (860) -0.07 +1.0; (861) +0.07 -0.9. **VII.** (849) -0 06 -0.2; (857) +0.05 -2.2; (883) 0.00 +2.3. **VIII.** (849) -0.01 +1.8; (857) +0.06 -2.1; (883) -0.05 +0.4. **IX.** (849) +0.05 -1.0; (857) -0.03 -2.7; (883) -0.01 +3.8. **X.** (858) -0.11 -0.9; (859) +0.11 +1.0. **XI.** (832) +0.03 +0.1; (848) -0.03 —; (857) +0.01 0.0. **XII.** (847) +0.02 +1.1; (862) -0.02 -1.0. **XIII.** (858) -0.02 +0.1; (859) +0.02 0 0. **XIV.** (860) -0.05 +1.5; (861) +0.05 -1.5. **XV.** (860) -0.06 +0.5; (861) +0.07 -0.4. **XIV.** (860) -0.03 +1.0; (861) +0.03 -1.0.



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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 4693 | 23.65+22 | 43.3+2.5 | 860 | 4767 | 0.05+10 | 1.8 - 1.3 | VII. |
| 4694 | 30.95+09 | 31.1+1.9 | 857 | 4769 | 17.82 - 11 | 39.5+1.2 | VIII. |
| 4701 | 52.30+02 | 29.5+1.3 | 857 | 4770 | 21.86 - 12 | 33.6 - 0.8 | 861 |
| 4699 | 50.93 00 | 17.5 0.0 | 862 | 4774 | 30.97+47 | 4.0+3.7 | 849 |
| 4702 | 0.71 - 12 | 52.4 - 2.6 | 861 | 4776 | 39.27 - 65 | 7.8 - 1.0 | IX. |
| 4703 | 9.28+10 | 29.6 - 2.0 | I. | 4782 | 54.26 - 02 | 58.3 - 2.9 | X. |
| 4704 | 16.33+18 | 56.6 - 9.9 | II. | 4784 | 1.41 - 11 | 51.9 - 0.4 | 848 |
| 4708 | 28.59 - 09 | 44.9+1.5 | III. | 4790 | 33.20 - 20 | 47.4+1.5 | 832 |
| 4711 | 42.36+06 | 48.1+0.5 | 860 | 4793 | 39.89+20 | 0.3 - 1.0 | 858 |
| 4713 | 54.76 - 04 | 39.9+2.5 | 857 | 4796 | 45.11+11 | 6.7 - 1.9 | 832 |
| 4723 | 31.22 - 12 | 0.9+1.2 | 857 | 4802 | 15.38+02 | 8.7 - 1.1 | XI. |
| 4728 | 35.32+25 | 48.7 - 0.1 | 832 | 4804 | 18.43 - 03 | 49.0+0.9 | XII. |
| 4726 | 35.27+12 | 26.3 - 1.7 | 849 | 4805 | 33.05 - 06 | 20.3+0.8 | XIII. |
| 4727 | 35.48 - 16 | 55.2 - 0.8 | IV. | 4808 | 41.45+08 | 25.1 - 0.5 | 862 |
| 4731 | 46.27 - 25 | 15.6 - 1.6 | 861 | 4811 | 55.78+03 | 28.6 - 0.8 | 849 |
| 4732 | 46.92 - 01 | 51.5+0.8 | 862 | 4816 | 5.97 - 08 | 6.6 - 0.4 | XIV. |
| 4739 | 59.08 - 31 | 36.2+1.4 | 832 | 4819 | 18.65+08 | 26.2 - 0.6 | 862 |
| 4740 | 3.78 - 04 | 3.2+1.9 | 857 | 4823 | 35.36+25 | 37.0+0.8 | 857 |
| 4741 | 4.63+08 | 56.7+1.3 | 849 | 4826 | 37.54 - 02 | 9.4+2.7 | 861 |
| 4742 | 16.59 - 02 | 21.5 - 0.7 | 849 | 4829 | 50.27 - 30 | 16.3 - 3.1 | 832 |
| 4744 | 20.72 - 23 | 6.0 - 0.2 | 848 | 4830 | 54.46 - 16 | 53.5 - 1.7 | 857 |
| 4749 | 37.28+12 | 31.3+0.8 | 862 | 4840 | 33.71+02 | 22.0+0.3 | 832 |
| 4750 | 44.98+07 | 12.5 0.0 | V. | 4845 | 43.82 - 12 | 56.9 - 2.6 | 849 |
| 4752 | 56.92 - 12 | 59.7 ? | VI. | 4847 | 52.01+09 | 21.7 - 0.8 | 860 |
| 4756 | 14.13+06 | 11.4+0.5 | 857 | 4849 | 3.02 - 03 | 14.0+1.1 | 848 |

**I.** (860) -0.02 -0.5; (861) +0.03 +0.6. **II.** (849) +0.01 -0.2; (858) +0.06 +0.7; (859) -0.06 -0.4. **III.** (849) +0.06 -0.9; (859) -0.05 +0.9. **IV.** (848) 0.00 +0.5; (860) 0.00 -0.4. **V.** (849) +0.03 +2.3; (859) -0.02 -2.3. **VI.** (848) +0.08 +0.2; (860) -0.08 -0.2. **VII.** (832) -0.01 +2.8; (857) +0.01 -2.8. **VIII.** (832) +0.02 +1.0; (857) -0.02 -0.9. **IX.** (849) -0.02 +1.0; (857) +0.02 -0.9. **X.** (860) -0.09 +0.5; (861) +0.09 -0.5. **XI.** 832) 0 00 +0 3; (849) -0.06 +0.7; (857) +0.05 -1.0. **XII.** (848) -0.04 +1.1; (857) +0.04 -1.1. **XIII.** (848) +0.01 +0.4; (860) +0.01 +1.7; (861) -0.02 -2.2. **XIV.** (848) -0.03 +1.1; (860) +0.03 -1.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 4855 | 20.25 - 02 | 23.3 - 0.4 | 861 | 4947 | 20.24 - 02 | 0.5 - 1.0 | IX. |
| 4861 | 49.82 - 16 | 55.3 - 0.4 | I. | 4946 | 19.71 00 | 54.9+0.1 | X. |
| 4864 | 1.16 - 01 | 30.3 - 0.6 | 861 | 4951 | 48.72+01 | 34.2 - 2.4 | 849 |
| 4868 | 38.25+01 | 56.5+5.4 | II. | 4953 | 54.23 - 29 | 12.7 - 0.2 | 861 |
| 4870 | 38.50+03 | 23.2 - 0.7 | III. | 4955 | 57.69+05 | 54.3 - 3.3 | 832 |
| 4876 | 48.35 - 08 | 17.1+5.4 | 857 | 4971 | 39.52 - 04 | 41.7 - 2.0 | 857 |
| 4878 | 49.10 - 06 | 27.4 - 2.0 | 848 | 4972 | 42.97 - 04 | 5.9 - 0.2 | 849 |
| 4881 | 6.20 - 09 | 21.4+0.5 | 862 | 4974 | 48.10 - 05 | 58.7 - 0.2 | 849 |
| 4884 | 10.08+06 | 46.3+1.0 | IV. | 4983 | 22.16+01 | 31.1 - 2.3 | 832 |
| 4888 | 14.22+09 | 13.2 - 2.7 | 849 | 4987 | 41.12+07 | 37.5+0.8 | 849 |
| 4889 | 28.97+17 | 59.8+2.4 | 862 | 4988 | 44.07+30 | 10.5 - 1.1 | 849 |
| 4891 | 30.08+01 | 16.7 - 1.4 | 861 | 4989 | 54.06 - 06 | 25.9+4.1 | 832 |
| 4892 | 35.50+40 | 22.5+2.9 | 862 | 4995 | 31.51 - 09 | 18.8 - 1.2 | 862 |
| 4897 | 48.85 - 01 | 30.6 - 1.1 | 857 | 5002 | 52.19+09 | 43.4+0.3 | XI. |
| 4899 | 52.35 - 11 | 35.3 - 3.0 | 862 | 5003 | 57.32 - 24 | 53.8 - 1.5 | 849 |
| 4902 | 56.20 - 02 | 47.7 - 3.3 | 848 | 5008 | 4.00 - 14 | 22.6 - 0.1 | 849 |
| 4906 | 12.42+01 | 48.6+1.0 | 861 | 5013 | — — | 6.8 - 4.8 | 859 |
| 4908 | 18.26 - 41 | 46.1 - 1.3 | V. | 5016 | 26.56+11 | 41.4 - 0.4 | 862 |
| 4909 | 19.52+23 | 38.0 - 0.5 | 858 | 5026 | 3.47+04 | 54.5 - 2.6 | 861 |
| 4916 | 37.46+07 | 58.1 0.0 | VI. | 5027 | 5.17+03 | 35.1 - 3.0 | 849 |
| 4917 | 37.57 - 03 | 26.9 - 0.1 | 848 | 5030 | 11.45 00 | 20.4+0.1 | 862 |
| 4920 | 43.33+04 | 14.0 - 7.8 | 861 | 5031 | 12.06+11 | 5.5 - 4.5 | 861 |
| 4930 | 14.36+01 | 40.5 - 3.3 | VII. | 5033 | 17.53+15 | 47.2+0.5 | 862 |
| 4937 | 45.96+04 | 4.4 - 1.3 | 861 | 5036 | 24.48+03 | 15.0 - 2.1 | 832 |
| 4940 | 48.19+15 | 9.7 - 2.4 | VIII. | 5039 | 43.32+09 | 24.6+1.6 | 857 |
| 4942 | 59.69+21 | 6.1 - 0.3 | 862 | 5046 | 15.00+14 | 59.4 - 2.9 | XII. |

**I.** (832) -0.05 +1.1; (848) +0.10 -0.3; (857) -0.04 -0.7. **II.** (832) -0.05 +1.6; (849) +0.06 -1.5. **III.** (848) -0.05 -0.8; (861) +0.06 +0.9. **IV.** (832) -0.01 +1.0; (849) +0.01 -0.9. **V.** (832) +0.01 -0.7; (849) -0.01 +0.7. **VI.** (832) -0.03 -1.2; (849) -0.04 +1.2; (857) +0.08 +0.1. **VII.** (832) +0.01 +0.6; (848) 0.00 -0.5. **VIII.** (849) +0.11 -1.0; (859) -0.11 +1.0. **IX.** (832) +0.02 +0.7; (857) -0.02 -0.7. **X.** (832) +0.03 +0.2; (857) -0.02 -0.1. **XI.** (832) +0.03 +1.4; (857) -0.02 -1.3. **XII.** (832) +0.02 +0.3; (857) -0.01 -0.2.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 5051 | 29.07 - 02 | 31.6 - 1.4 | 862 | 5213 | 25.97+21 | — — | 857 |
| 5054 | 38.59 - 02 | 13.8 0.0 | I. | 5215 | 37.07 - 14 | 23.4 - 1.4 | 862 |
| 5059 | 57.01 - 12 | 45.9+7.2 | 861 | 5221 | 7.48+05 | 43.9 - 0.9 | 861 |
| 5061 | 4.97 - 24 | 42.6+6.1 | 861 | 5226 | 29 84 - 01 | 45.1 - 1.4 | 862 |
| 5074 | 57.02 - 10 | 37.8 - 3.5 | 832 | 5227 | 35.42 - 11 | 39.4 - 2.4 | 857 |
| 5076 | 58.21+07 | 14.4+2.2 | 832 | 5228 | 42.08+77 | 16.9 - 3.1 | 862 |
| 5088 | 15.40+18 | 33.4+2.6 | 861 | 5230 | 44.34+01 | 31.0 - 2.6 | 857 |
| 5089 | 18.51+24 | 17.0 - 3.3 | 832 | 5247 | 35.11+41 | 9.6 - 1.1 | 862 |
| 5091 | 30.62 - 08 | 17.0 - 0.1 | 861 | 5249 | 40.54 - 12 | 25.1 - 0.1 | 861 |
| 5093 | 34.15+03 | 39.6 - 1.6 | 832 | 5267 | 14.26+18 | 17.7 - 7.5 | 861 |
| 5097 | 49.07+02 | 50.5+1.6 | 861 | 5270 | 32.43 - 10 | 31.3 - 0.2 | 857 |
| 5108 | 39.50 - 05 | 49.2 - 3.5 | 832 | 5284 | 21.85 - 05 | 59.7 - 2.3 | 861 |
| 5111 | — — | 13.7+0.2 | 859 | 5289 | 41.94+06 | 51.5 - 1.1 | 857 |
| 5120 | 28.98+03 | 28.3 - 2.4 | 861 | 5296 | 15.32+06 | 56.6 - 2.3 | 861 |
| 5122 | 48.26 - 09 | 8.7+4.5 | 862 | 5306 | 5.31+21 | 47.0+1.7 | 833 |
| 5124 | 0.16 - 12 | 10.4 - 0.5 | 862 | 5308 | 18.84+12 | 14.8 - 2.7 | 857 |
| 5126 | 7.08+07 | 28.5+0.3 | 861 | 5315 | 56.99 - 08 | 40.2 - 1.4 | 861 |
| 5132 | 20.75 - 29 | 17.4 - 4.4 | 857 | 5321 | 14.07 - 12 | 49.6+3.9 | 862 |
| 5139 | 58.05+01 | 6.2 - 1.1 | II. | 5326 | 47.05+03 | 5.4+1.6 | 857 |
| 5140 | 5.96+19 | 21.9 - 0.1 | 861 | 5328 | 56.14+24 | 56.6 - 5.1 | 862 |
| 5143 | 13.08+07 | 4.3+2.2 | 832 | 5330 | 58.80+18 | 40.6 - 2.9 | 862 |
| 5157 | 6.44 - 03 | 46.5 - 1.9 | III. | 5342 | 44.24 - 25 | 25.2 - 5.1 | 857 |
| 5160 | 25.65+14 | 1.1+1.8 | 857 | 5371 | 39.86 - 96 | 45.2+4.3 | 857 |
| 5171 | 59.89 - 11 | 9.1 - 8.6 | 861 | 5396 | 17.94 - 14 | 1.7 - 4.6 | 857 |
| 5177 | 31.26 - 18 | 46.2 - 1.7 | 857 | 5399 | 24.33 - 07 | 40.0 - 0.4 | 833 |
| 5180 | 36.20+12 | 51.3 - 1.0 | 832 | 5402 | 46.56+48 | 35.1 - 3.1 | 833 |
| 5183 | 39.70 - 13 | 55.8 - 2.0 | 857 | 5405 | 52.81 - 06 | 8.0 - 3.7 | 862 |
| 5185 | 52.31+17 | 47.1 - 0.8 | 861 | 5413 | 21.33+49 | 39.7 - 0.2 | 833 |
| 5200 | 44.79+01 | 5.8 - 3.5 | 861 | 5485 | 55.27 - 12 | 35.1+0.4 | 833 |
| 5202 | 50.45+02 | 53.3+2.1 | 857 | 5490 | 34.41 - 86 | 18.4 - 3.9 | 862 |

I. (832) +0.01 -0.6; (857) 0.00 +0.7. II. (832) -0.07 0.0; (857) +0.08 +0.1.
III. (832) 0.00 -1 1; (857) 0.00 +1.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| | ″ | ″ ″ | | | ″ | ″ ″ | |
| 5499 | 11.46 - 04 | 34.4 - 0.9 | 862 | 559 | 47.50 - 30 | 35.1 + 1.5 | 834 |
| 5505 | 22.00 + 09 | 43.7 + 1.2 | 833 | 569 | 14.58 - 11 | 32.2 - 3.0 | 834 |
| 5517 | 10.43 - 17 | 32.2 - 0.4 | 862 | 578 | 20.54 - 08 | 38.3 - 0.3 | I. |
| 5520 | 21.25 + 09 | 6.0 + 0.7 | 833 | 585 | 57.05 - 07 | 23.4 + 0.3 | 802 |
| 5530 | 2.62 + 04 | 0.8 + 1.6 | 833 | 587 | 55.58 + 08 | 28.2 + 1.0 | 802 |
| 5535 | 25.27 + 20 | 19.2 0.0 | 833 | 588 | 29.05 - 14 | 53.6 - 0.7 | 802 |
| 5564 | 25.12 - 09 | 26.9 + 1.0 | 833 | 589 | 44.34 + 06 | 30.8 + 0.5 | 802 |
| 5574 | 19.03 + 10 | 56.8 + 2.3 | 833 | 590 | 59.61 + 15 | 58.5 + 3.1 | 802 |
| 5582 | 47.43 - 06 | 49.1 - 1.6 | 862 | 591 | 25.47 + 09 | 13.9 - 1.7 | 834 |
| 5594 | 41.01 00 | 57.0 - 2.5 | 862 | 592 | 31.56 - 03 | 30.8 - 2.8 | 834 |
| 5605 | 51.94 + 01 | 45.2 - 0.7 | 833 | 596 | 3.77 - 23 | 38.5 + 0.7 | 802 |
| 5612 | 37.36 - 08 | 47.1 + 0.7 | 833 | 600 | 7.55 - 09 | 53.4 - 1.3 | II. |
| 5705 | 23.02 + 15 | 51.5 + 0.3 | 833 | 606 | 36.62 - 02 | 41.9 + 1.5 | 834 |
| 5714 | 11.77 + 27 | 37.6 - 2.7 | 833 | 613 | 43.03 - 04 | 6.0 + 0.5 | III. |
| 5760 | 59.97 + 06 | 28.1 + 1.3 | 833 | 614 | 48.59 - 03 | 9.5 + 0.8 | 802 |
| 5768 | 42.25 + 23 | 4.7 - 2.1 | 833 | 624 | 41.64 - 07 | 50.9 + 5.0 | IV. |
| 5849 | 58.25 00 | 26.1 + 7.5 | 833 | 630 | 31.32 - 15 | 47.2 - 0.4 | 802 |
| 5854 | 33.27 + 19 | 32.3 - 1.5 | 833 | 632 | 52.14 + 02 | 7.3 + 2.2 | 835 |
| 5916 | 49.06 - 77 | 55.7 + 3.0 | 833 | 635 | 22.80 - 03 | 16.6 + 0.9 | 802 |
| 5938 | 59.34 + 32 | 57.9 + 1.1 | 833 | 638 | 1.71 - 05 | 9.0 + 3.5 | 802 |
| 5940 | 4.26 + 62 | 48.6 + 0.5 | 833 | 644 | 7.05 - 04 | 42.9 + 0.8 | 835 |
| 5959 | 43.39 + 01 | 16.0 - 4.7 | 833 | 646 | 31.83 + 19 | 55.4 - 1.8 | 835 |
| 5960 | 45.16 00 | 26.0 + 1.1 | 833 | 649 | 3.58 00 | 51.0 + 2.9 | 834 |
| 6042 | 50.47 + 20 | 39.6 - 1.5 | 833 | 651 | 26.17 + 10 | 59.2 + 0 5 | 802 |
| 6119 | 10.44 + 05 | 10.1 - 3.0 | 833 | 657 | 11.67 - 52 | 41.8 - 2.1 | 802 |
| | | | | 662 | 23.81 - 01 | 46.7 - 2.5 | 802 |
| | Decl. von -3° bis -9°. | | | 685 | 14.18 + 02 | 35.2 - 3.0 | 802 |
| 534 | 49.19 + 16 | 3.0 + 3.1 | 834 | 687 | 46.15 + 08 | 55.6 - 1.4 | 802 |
| 549 | 3.38 - 07 | 43.6 - 2.8 | 834 | 694 | 48.01 + 02 | 54.3 + 1.7 | 802 |
| 557 | 15.81 - 25 | 45.9 + 0.9 | 834 | 703 | 57.09 + 12 | 1.9 - 5.0 | 802 |

I. (802) -0.01 -2.3; (834) +0.01 +2.2. II. (834) +0.05 -1.1; (835) -0.05 +1.1; III. (834) +0.01 -0.1; (835) -0.01 0.0. IV. (802) -0.03 -3.2: (834) +0.04 +3.1.

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-3° -9°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 709 | 40.1 - 18 | 43.8+2.2 | 802 | 779 | 8.88+49 | 40.0 - 1.4 | 803 |
| 711 | 10.99 - 18 | 35.8+3.1 | 802 | 785 | 20.44+21 | — — | 834 |
| 714 | 16.53 - 10 | 27.9+3.1 | 834 | 788 | 57.67+07 | 42.7+4.9 | IV. |
| 715 | 44.10 - 09 | 12.3+2.2 | I. | 791 | 25.01 - 10 | 38.6 - 1.4 | 836 |
| 716 | 56.16 - 12 | 9.9+1.7 | II. | 793 | 47.19+26 | 28.9 - 0.6 | 803 |
| 718 | 36.28+28 | 11.7 - 2.5 | 834 | 799 | 44.35+62 | 1.3+1.5 | 834 |
| 722 | 36.53 - 48 | 32.6 - 0.1 | III. | 800 | 53.98 - 17 | 14.6+4.3 | 803 |
| 724 | 45.46 - 19 | 3.6 - 5.5 | 802 | 801 | 56.68 - 24 | 6.1 - 1.8 | 802 |
| 726 | 6.28 - 08 | 25.8 - 4.3 | 802 | 802 | 17.47+48 | 0.9+2.1 | V. |
| 728 | 33.01 - 69 | 44.7 - 1.5 | 834 | 804 | 3.83 - 04 | 15.3+1.0 | 803 |
| 729 | 52.06+14 | 24.5 - 1.8 | 834 | 805 | 11.03 - 28 | 45.2+3.3 | 836 |
| 730 | 53.23 - 07 | 22.9+3.6 | 803 | 807 | 34.36+14 | 8.4 - 0.8 | VI. |
| 737 | 13.65 - 05 | 52.4 - 4.2 | 802 | 808 | 41.24+30 | 9.0 - 1.0 | 803 |
| 740 | 56.11+11 | 12.9 - 2.9 | 834 | 810 | 17.60+06 | 58.4+0.7 | 802 |
| 742 | 6.37 - 20 | 46.0+0 1 | 834 | 812 | 25.56+16 | 9.1 - 0.2 | VII. |
| 744 | 3.05+06 | 39.4 - 4.5 | 803 | 814 | 49.47+19 | 36.5 - 1.9 | 834 |
| 745 | 5.24 - 37 | 5.5+4.2 | 803 | 813 | 58.14+19 | 0.2 - 4.6 | 802 |
| 746 | 8.92+10 | 27.9+2.3 | 834 | 822 | 52.46+34 | 1.7+1.7 | VIII. |
| 753 | 58.76+04 | 44.1 - 1.5 | 834 | 826 | 20.93 - 02 | — — | 834 |
| 757 | 14 20+15 | 4.1 - 1.5 | 802 | 828 | 48.29+54 | 45.9+0.4 | 802 |
| 759 | 13.88+15 | 53.1+5.7 | 802 | 830 | 51.06+68 | 50.9 - 0.2 | 803 |
| 763 | 40.86+25 | 8.4+3.6 | 802 | 831 | 30.53+04 | 50.2 - 1.8 | IX. |
| 765 | 16.01+20 | 22.2+11.8 | 803 | 832 | 44.54 - 14 | 11.5 - 2.0 | 802 |
| 768 | 45.34 - 09 | 14.3 - 1.8 | 834 | 836 | 21.52 - 02 | 48.2 - 1.1 | 802 |
| 771 | 50.08 - 10 | 26.0+1.1 | 802 | 837 | 41.68+11 | 46.3+2.9 | 803 |
| 774 | 6.22+04 | 25.9+3.0 | 802 | 838 | 58.82+08 | 40.5+1.8 | X. |

**I.** (802) -0.02 -0.5; (834) +0.03 +0.5. **II.** (802) +0.07 -1.5; (834) -0.07 +1.5. **III.** (802) -0.13 -0.3; (834) +0.14 +0.3. **IV.** (802) +0.02 -2.4; (835) -0.01 +2.3. **V.** (834) -0.10 +0.9; (835) -0.06 -0.9 (836) +0.17 0.0. **VI.** (834) -0.08 -0.6; (835) 0.00 —; (836) +0.09 +0.6. **VII.** (834) -0.10 +0.4; (836) +0.11 -0.4. **VIII.** (834) -0.06 -0.1; (836) +0.06 +0.1. **IX.** (834) -0.06 +1.0; (835) -0.05 --; (836) +0.10 -1.0. **X.** (834) -0.07 +0.6; (835) -0.11 -0.2; (836) +0.17 -0.4.

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-3° -9°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 840 | 13.56+06 | 40.7+0.9 | I. | 886 | 36.05 - 05 | 31.9+1.1 | 803 |
| 841 | 16.64+13 | 34.8 0.0 | 802 | 887 | 50.63 - 13 | 41.4+1.6 | 803 |
| 844 | 22.86 00 | 33.8+0.4 | II. | 888 | 52.81+02 | 20.3+5.1 | 802 |
| 849 | 33.33 - 23 | 47.0+3.5 | 803 | 890 | 20.97+03 | 36.4 - 0.1 | XI. |
| 857 | 59.14 - 11 | 6.7 - 1.2 | III. | 891 | 36.24 - 04 | 28.7+0.9 | XII. |
| 863 | 11.44+03 | 43.0+2.6 | IV. | 892 | 43.39+38 | 33.6+1.9 | XIII. |
| 864 | 21.81+19 | 43.8 - 1.2 | 802 | 894 | 57.88 - 02 | 25.3+0.8 | 803 |
| 866 | 34.07+04 | 45.4+2.1 | V. | 895 | 1.63+12 | 16.7+3.5 | XIV. |
| 867 | 48.95 - 31 | 35.0 - 5.4 | 835 | 897 | 19.46+25 | 10.8 - 6.2 | 834 |
| 871 | 14.53+13 | 21.0 - 1.2 | 803 | 898 | 31.28+53 | 41.0 - 1.0 | XV. |
| 874 | 47.08 - 12 | 58.6 - 2.8 | 802 | 900 | 5.45 - 15 | 38.1+1.5 | 803 |
| 876 | 32.16 - 04 | 7.4+0.9 | VI. | 905 | 28.29+12 | 4.8 - 6.4 | 802 |
| 878 | 52.98 - 15 | 18.5+5.1 | VII. | 906 | 35.45 - 23 | 38.6 - 2.7 | 834 |
| 879 | 14.35 - 02 | 12.5 - 4.2 | 802 | 907 | 46.28+03 | 5.6+4.6 | XVI. |
| 880 | 26.96+16 | 50.6 - 4.7 | 802 | 909 | 44.34+14 | 28.8 - 1.5 | 803 |
| 882 | 46.31+09 | 53.0 - 0.1 | VIII. | 911 | 55.60+13 | 9.4+0.9 | XVII. |
| 884 | 26.37+50 | 42.9 - 1.4 | IX. | 913 | 48.22+22 | 53.1+3.6 | 803 |
| 885 | 32.54+07 | 35.5+0.9 | X. | 914 | 11.98 - 16 | 22.5+8.1 | XVIII. |

**I.** (834) 0.00 +0.6; (836) +0.01 -0.7. **II.** (834) 0.00 -0.1; (835) 0.00 +0.1. **III.** (835) -0.10 +0.6; (836) +0.15 -0.4; (837) -0.04 -0.3. **IV.** (834) -0.04 +1.7; (835) -0.04 +1.9; (836) +0.08 +0.8; (837) +0.04 -1.1; (838) -0.05 -3.3. **V.** (834) +0.07 +0.2; (835) -0.05 +3.4; (836) +0.12 +1.4; (837) -0.11 -2.5; (838) -0.05 -2.7. **VI.** (835) -0.10 +1.0; (836) +0.11 -1.1. **VII.** (837) 0.00 -0.4; (838) +0.01 +0.3. **VIII.** (802) -0.02 -1.7; (834) -0.20 -0.6; (835) +0.02 +2.2; (836) +0.04 +1.3; (838) +0.06 -1.8; (839) +0.09 +0.5. **IX.** (834) -0.01 +1.1; (835) -0.02 +1.4; (836) +0.03 -2.6. **X.** (837) -0.04 +0.1; (838) +0.05 -0.2. **XI.** (835) -0.03 +3.5; (836) +0.03 -3.5. **XII.** (834) -0.01 +2.8; (837) +0.04 +0.2; (838) 0.04 -3.1. **XIII.** (802) +0.04 -0.8; (840) -0.03 +0.8. **XIV.** (836) +0.11 +1.9; (837) -0.04 -2.0; (839) -0.08 +1.1; 840) +0.01 -0.9. **XV.** (834) -0.05 +3.3; (837) +0.02 -1.5; (838) +0.04 -1.7. **XVI.** (835) -0.07 -0.5; (836) +0.07 +0.5. **XVII.** (802) +0.03 -1.7; (834) -0.13 0.0; (835) -0.07 +2.0; (836) -0.06 +2.2; (837) -0.02 -1.7; (838) +0.01 -1.9; (839) +0.15 +2.4; (840) +0.08 -1.0. **XVIII.** (837) +0.02 -0.7; (838) +0.02 +0.1; (839) +0.07 +2.3; (840) -0.10 -1.6.

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-3° -9°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 916 | 57″.49+39 | 33″.3+2″.1 | I. | 952 | 20″.84+03 | 17″.5 - 3″.9 | 803 |
| 918 | 12.31+39 | 5 1+10.6 | 802 | 954 | 56.53+27 | 35.0 - 2.4 | 803 |
| 920 | 16.78+34 | 12.8+8.2 | 802 | 953 | 56.92 - 07 | 2.0 - 10.5 | X. |
| 922 | 50.86+06 | 58.5+3.7 | II. | 957 | 20.37 - 03 | 32.3 - 2.4 | XI. |
| 923 | 51.61 - 06 | 13.5 0.0 | III. | 958 | 56.17 - 06 | 6.1+2.4 | 803 |
| 924 | 21.20 - 12 | 28.3+3.0 | 803 | 959 | 28.10 - 03 | 7.6+1.6 | XII. |
| 925 | 54.12+42 | 28.0+4.0 | IV. | 960 | 38.26+13 | 16.9+0.1 | XIII. |
| 926 | 13.02+05 | 0.7 - 1.4 | 803 | 963 | 20.05+02 | 24.7+1.3 | 803 |
| 929 | 22.58 - 07 | 20.4 - 5.1 | 802 | 964 | 11.05+07 | 27.8 - 6.5 | 803 |
| 931 | 30.94+06 | 43.0 - 3.5 | 803 | 967 | 31.91+06 | 39.9+0.6 | 803 |
| 932 | 51.98+12 | — — | V. | 971 | 34.28+14 | 53.1 - 1.4 | XIV. |
| 934 | 9.56+32 | 25.4+5.7 | 803 | 973 | 51.46 - 19 | 41.2+0.3 | XV. |
| 935 | 31.97+01 | 16.3+7.0 | VI. | 975 | 27.09 - 05 | 16.3 - 3.0 | 802 |
| 939 | 0.43 00 | 13.3 - 6.6 | 802 | 976 | 42.43 - 08 | 50.5+5.4 | 803 |
| 940 | 19.61 - 01 | 42.6 - 0.8 | 803 | 977 | 46.58 - 02 | 16.1+1.9 | 803 |
| 941 | 35.25 - 23 | 4.9 - 0.9 | VII. | 980 | 54.06 - 11 | 43.3+6.1 | XVI, |
| 942 | 59.11+02 | 58.8 - 3.8 | 802 | 978 | 51.21+05 | 56.1 - 1.4 | XVII. |
| 945 | 42.78 - 16 | 33.7 - 2.0 | VIII. | 981 | 25.59+05 | 36.9+3.1 | 803 |
| 946 | 45.29+10 | 48.3+1.8 | 803 | 982 | 25.63+16 | 55.2+0.6 | XVIII. |
| 951 | 20.35+03 | 26.0+2.5 | IX. | 983 | 35.54 - 01 | 2.5+2.9 | XIX. |

**I.** (835) -0.07 +2.3; (836) +0.03 +2.1; (837) -0.03 -0.8; (838) +0.07 -2.0; (839) -0.02 -0 7; (840) +0.04 -0.7. **II.** (802) -0.01 -1.7; (836) +0.01 +1.7; **III.** (835) 0.00 +1.9; (836) +0.09 0.0; (837) -0.09 -2.0; (838) -0.02 -1.2; (839) +0.01 +2.1; (840) -0.01 -0.8. **IV.** (837) -0.07 -0.5; (839) +0.07 +0.5. **V.** (835) -0.02 —; (836) +0.03 —. **VI.** (802) -0.02 -1.9; (836) 0.00 +2.1; (839) -0.07 +1.4; (840) +0.11 -1.6. **VII.** (836) +0.02 +0.8; (839) -0.02 -0.9. **VIII.** (802) -0.01 -1.9; (835) -0.07 —; (836) +0.09 +2.4; (838) -0.01 -0.6. **IX.** (802) -0 04 -1.4; (835) -0.15 +0.1; (836) -0.01 +2.1; (839) +0.04 +1.5; (840) +0.16 -2.5. **X.** (802) 0.00 -2.0; (836) -0.08 +2.7; (840) +0.09 -0.8. **XI.** (802) -0.01 -3.4; (835) +0.10 +3.5; (839) -0.08 -0.2. **XII.** (802) +0.01 -2.5; (836) +0.01 +3.8; (838) -0.03 -1.4. **XIII.** (836) +0.01 +1.7; (838) -0.03 -2.5; (839) +0.02 +0.9. **XIV.** (837) +0.02 -0.9; (838) -0.01 -0.2; (840) -0.02 +1.2. **XV.** (837) -0.02 0.0; (838) -0.04 -0.3; (840) +0.05 +0.2. **XVI.** (802) +0.01 -0.6; (840) 0.00 +0.6. **XVII.** (837) +0.01 +1.1; (838) -0.01 -1.2. **XVIII.** (837) +0.10 +0.1; (838) -0.09 -0.2. **XIX.** (837) -0.04 +0.6; (838) +0.05 -0.6.

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-3° -9°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 985 | 6.99+11 | 17.5 0.0 | 803 | 1028 | 25.24 - 03 | 41.3 - 4.1 | 803 |
| 986 | 9.24 - 02 | 28.8 - 4.1 | 802 | 1032 | 53.67+05 | 10.3+0.3 | 838 |
| 987 | 16.85 - 02 | 35.1+0.5 | I. | 1033 | 54.81 - 39 | — — | 837 |
| 989 | 52.72+11 | 24.0+0.9 | 803 | 1037 | 56.03+35 | 22.4+2.4 | X. |
| 993 | 40.15+18 | 51.8+3.2 | 803 | 1038 | 11.65+01 | 53.1 - 1.6 | XI. |
| 994 | 0.01+02 | 15.0+2.9 | 838 | 1040 | 21.11 - 12 | 9.7+8.9 | 839 |
| 996 | 37.76 - 11 | — — | II. | 1046 | 31.82 - 02 | 27.4 0.0 | XII. |
| 997 | 13.34 - 24 | 50.2 - 1.4 | 803 | 1047 | 39.56 00 | 20.0+1.4 | XIII. |
| 1001 | 8.78+03 | 57.6+1.8 | III. | 1052 | 9.38 - 09 | 5.1+1.8 | XIV. |
| 1003 | 4.78+09 | 7.7 - 0.3 | 803 | 1057 | 48.22+03 | 50.7 - 0.6 | XV. |
| 1004 | 16.83 00 | 30.3+1.8 | IV. | 1060 | 38.14 - 20 | 44.2+1.0 | 803 |
| 1007 | 7.97+10 | 2.5+4.1 | 840 | 1061 | 13.03 00 | 43.5 - 0.7 | XVI. |
| 1008 | 15.19 - 07 | 40.7 - 4.8 | 803 | 1063 | 45.88 - 13 | 58.0 - 0.1 | XVII. |
| 1009 | 39.27 - 12 | 11.9+1.8 | V. | 1067 | 28.17 - 20 | 58.2+0.9 | 803 |
| 1012 | 42.98+29 | 57.5+2.5 | 803 | 1071 | 12.14 - 02 | 0.8 - 1.1 | XVIII. |
| 1016 | 10.53 - 09 | 10.1 - 0.1 | VI. | 1074 | 44.01 - 16 | 39.1+2.1 | 803 |
| 1020 | 24.39+04 | 27.7 - 0.7 | 803 | 1079 | 47.93+05 | 32.7 - 2.1 | XIX. |
| 1022 | 48.98 - 04 | 46.0 - 17.5 | VII. | 1083 | 43.88 - 16 | 39.4+1.0 | XX. |
| 1025 | 42.08 - 06 | 46.8 - 0.5 | VIII. | 1092 | 44.69 - 20 | 53.4+1.4 | 837 |
| 1027 | 20.53+04 | 3.2 - 1.6 | IX. | 1093 | 9.88 - 15 | 45.2 - 0.8 | XXI. |

I. (837) +0.15 +0.1; (838) -0.15 -0.1. II. (836) -0.08 —; (837) +0.08 —. III. (836) -0.05 +1.3; (837) +0.06 +1.6; (838) -0.05 -1.7; (840) +0.04 -1.2. IV. (836) 0.00 +1.8; (839) +0.01 +0.1; (840) 0.00 -1.8. V. (838) -0.05 -2.0; (839) +0.01 +1.4; (840) +0.04 +0.5. VI. (838) -0.09 -1.7; (839) +0.06 +0.8; (840) +0.03 +0.8. VII. (837) +0.03 -1.1; (838) -0.05 -1.4; (839) +0.08 +2.1; (840) -0.04 +0.2. VIII. (838) -0.03 -1.3; (839) +0.05 +2.2; (840) -0.01 -1.0. IX. (838) -0.06 -1.7; (839) +0.07 +1.6. X. (837) +0.07 -0.2; (840) -0.07 +0.1. XI. (837) 0.00 -1.2; (839) +0.01 +1.1. XII. (838) -0.02 -0.8; (840) +0.02 +0.8. XIII. (837) +0.03 +0.6; (838) -0.06 -0.6; (840) +0.02 0.0. XIV. (837) +0.05 +0.5; (838) -0.16 -1.2; (839) +0.10 +2.8; (840) 0.00 -2.1. XV. (837) +0.10 -0.9; (838) -0.09 -1.1; (839) -0.01 +1.4; (840) +0.02 +0.5. XVI. (837) -0.10 +1.7; (838) -0.05 -0.9; (839) -0.04 +2.6. XVII. (837) +0.05 -0.9; (838) -0.08 -1.1; (839) -0.03 +2.3; (840) +0.05 -0.5. XVIII. (837) +0.16 +0.6; (838) -0.15 -0.5; (839) 0.00 +0.9; (840) 0.00 -1.0. XIX. (837) +0.11 -0.4; (838) -0.05 +0.4; (839) -0.02 +0.8; (840) -0.03 -1.0. XX. (837) +0.04 +0.4; (838) -0.03 -0.8; (839) +0.06 +0.7; (840) -0.05 -0.2. XXI. (838) +0.01 -0.3; (840) 0.00 +0,2.



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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1095 | 44.66 - 07 | 27.1 - 4.0 | 837 | 1176 | 21.12+18 | 46.7+6.3 | 838 |
| 1098 | 58.66+04 | 20.1 - 1.4 | I. | 1180 | 2.82+28 | 23.6+0.9 | 837 |
| 1103 | 45.17 - 03 | 57.4+1.7 | II. | 1181 | 7.38+14 | 1.5 - 3.8 | 838 |
| 1108 | 27.60 - 33 | 20.8 - 1.3 | 840 | 1199 | 46.43+15 | 27.9 - 1.2 | 838 |
| 1110 | 37.63 - 03 | 38.4 - 3.6 | 840 | 1203 | 15.80 - 20 | 30.2 - 4.6 | 838 |
| 1111 | 53.28 - 18 | 1.2 - 7.9 | 837 | 1206 | 31.07+08 | 20.2 - 4.2 | 838 |
| 1117 | 45.44+14 | 39.0 - 1.8 | 840 | 1211 | 38.42 - 31 | 21.5 - 3.5 | XIV. |
| 1120 | 36.81 - 39 | 52.4 - 6.5 | 840 | 1215 | 42.19+06 | 56.2 - 2.9 | XV. |
| 1124 | 54.07+18 | 29.0 - 3.6 | III. | 1216 | 4.88 - 09 | 37.7 - 2.3 | 838 |
| 1125 | 2.96+07 | 17.6 - 2.3 | IV. | 1217 | 30.30+16 | 45.0 - 5.1 | XVI. |
| 1129 | 5.67 - 03 | 49.8 - 3.2 | V. | 1218 | 52.06 - 19 | 40.2 - 3.1 | XVII. |
| 1132 | 53.30 - 01 | 18.1 - 0.9 | VI. | 1227 | 12.80+19 | 52.0 - 3.5 | 840 |
| 1137 | 42.05+02 | 53.0 - 1.4 | 838 | 1230 | 49.90 - 22 | 30.8 - 5.7 | 840 |
| 1140 | 18.94 - 20 | 19.9 - 4.0 | 837 | 1361 | 30.31 - 09 | 2.2+4.3 | 821 |
| 1142 | 45.85 - 01 | 49.7+3.5 | VII. | 1374 | 33.09+09 | 15.3 - 7.1 | 821 |
| 1149 | 15.64 00 | 16.9+0.5 | 840 | 1404 | 53.78+01 | 41.2 - 2.1 | 821 |
| 1150 | 27.67+27 | 43.8 - 3.0 | 838 | 1407 | 18.93+08 | 30.0 - 4.7 | 821 |
| 1153 | 0.12 - 07 | 26.9 - 2.3 | VIII. | 1419 | 39.44+07 | 24.8+4.8 | 821 |
| 1154 | 13.27+26 | 12.9+0.6 | 840 | 1440 | 2.37+30 | 42.3 - 0.5 | 821 |
| 1157 | 43.70+10 | 54.6 - 2.0 | IX. | 1467 | 39.51 - 09 | 41.8+4.1 | 821 |
| 1159 | 2.14+06 | 37.2 - 4.8 | X. | 1472 | 56.62+22 | 52.2 - 0.9 | 822 |
| 1165 | 12.67+12 | 33.8 - 5.5 | 837 | 1507 | 27.48+21 | 5.9+1.6 | 821 |
| 1167 | 46.09+06 | 14.7 - 1.1 | XI. | 1518 | 33.83+13 | 9.5 - 3.4 | 822 |
| 1172 | 33.74 - 11 | 41.2 - 6.9 | XII. | 1531 | 0.74 - 17 | 55.5 - 4.1 | 821 |
| 1173 | 54.77 - 04 | — — | XIII. | 1543 | 48.30+01 | 14.7+1.1 | 822 |

I. (837) +0.05 +0.6; (838) -0.05 -0.7. II. (837) +0.12 +0.3; (840) -0.11 -0.3. III. (838) 0.00 -0.8; (840) +0.01 +0.8. IV. (838) -0.05 -0.3; (840) +0.06 +0.3. V. (838) -0.10 -1.3; (840) +0.10 +1.3. VI. (838) -0.03 +0.2; (840) +0.04 -0.2. VII. (838) -0.06 +0.6; (840) +0.06 -0.7. VIII. (837) +0.01 +0.1; (838) 0.00 -0.1. IX. (837) +0.02 -0.4; (838) -0.01 +0.4. X. (837) -0.01 +0.1; (838) +0.01 -0.1. XI. (837) +0.08 +0.2; (840) -0.08 -0.3. XII. (837) 0.00 +0.3; (838) 0.00 0.0; (840) — -0.3. XIII. (837) -0.03 —; (838) +0.04 —. XIV. (838) -0.03 -0.9; (840) +0.04 +0.8. XV. (838) 0.00 +1.1; (840) 0.00 -1.2. XVI. (838) -0.04 -0.4; (840) +0.04 +0.4. XVII. (838) 0.00 -1.4; (840) 0.00 +1.4.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1544 | 50.01+04 | 43.9+0.8 | 822 | 1982 | 55.29+29 | 31.7 0.0 | 824 |
| 1547 | 56.50+05 | 41.1+1.6 | 822 | 1987 | 20.78+13 | 36.9+2.4 | 824 |
| 1549 | 2.00 - 07 | 44.8+6.3 | 821 | 1990 | 53.36+01 | 45.2+3.3 | 824 |
| 1554 | 5.49 00 | 41.3+1.3 | 822 | 1996 | 3.33+10 | 39.1+6.2 | 824 |
| 1696 | 47.59 - 28 | 25.3+0.6 | 823 | 1998 | 34.54+11 | 55.3+5.3 | 824 |
| 1707 | 10.29+12 | 55.4 - 0.1 | 823 | 1998 | 34.60+05 | 41.3 - 8.7 | 824 |
| 1709 | 23.76 - 22 | — — | 823 | 2001 | 55.04+20 | 10.9 ? | 824 |
| 1713 | 26.42+05 | 15.7 - 0.8 | 823 | 2003 | 42.72 00 | 31.4+0.8 | 824 |
| 1715 | 46.33 - 30 | 22.6 - 0.4 | 823 | 2005 | 11.99+08 | 47.1+1.1 | 824 |
| 1723 | 34.65 - 21 | 19.5 - 1.9 | 823 | 2009 | 19.06 - 09 | 32.2+2.2 | 824 |
| 1736 | 0.92+10 | 34.7 - 4.5 | 823 | 2027 | 37.69+02 | 0.3+4.4 | 824 |
| 1741 | 7.41+05 | 3.6 - 0.9 | 823 | 2029 | 58.75+15 | 11.0 - 2.7 | 824 |
| 1743 | 9.41 - 12 | 29.9 - 0.9 | 823 | 2037 | 48.24+50 | 56.4+0.6 | 824 |
| 1747 | 5.23 - 02 | 38.5 - 0.2 | 823 | 2041 | 45.67+15 | 15.6 - 4.3 | 824 |
| 1758 | 55.71 - 41 | 44.3 - 0.2 | 823 | 2069 | 30.57+05 | 28.0+0.9 | 824 |
| 1775 | 10.02+27 | 2.4 - 0.1 | 823 | 2080 | 18.46+04 | 39.7 - 3.1 | 824 |
| 1780 | 9.88+07 | 28.9 - 1.4 | 823 | 2083 | 41.87+04 | 55.7+1.6 | 824 |
| 1784 | 13.00+11 | 18.0 - 1.7 | 823 | 2091 | 36.24+08 | 17.5+1.3 | 824 |
| 1788 | 28.16+73 | 47.5 - 1.3 | 823 | 2096 | 10.81 - 19 | 30.2+6.6 | 824 |
| 1792 | 11.81+29 | 16.3+2.6 | 823 | 2098 | 16.52 - 34 | 7.5 - 7.8 | 824 |
| 1798 | 55.33 - 06 | 10.8+1.6 | 823 | 2108 | 53.92 - 11 | 20.9+1.6 | 824 |
| 1808 | 7.38+30 | 13.2+2.3 | 823 | 2114 | 38.80+12 | 0.0+0.1 | 824 |
| 1816 | 16.40 - 07 | 44.3+1.1 | 823 | 2120 | 5.03+13 | 42.5 - 5.2 | 824 |
| 1822 | 21.25+33 | 47.1 - 8.9 | 823 | 2128 | 54.46+07 | 6.2 - 2.9 | 824 |
| 1827 | 14.98 - 41 | 7.7 - 2.5 | 823 | 2134 | 42.03 - 09 | 6.4 - 2.3 | 824 |
| 1829 | 47.38+02 | 0.4 - 0.8 | 823 | 2136 | 59.85 - 01 | 16.1 - 2.3 | 824 |
| 1834 | 41.30+44 | 21.8 - 0.2 | 823 | 2143 | 40.02+39 | 47.7 - 3.1 | 824 |
| 1841 | 14.79+08 | 46.2+1.3 | 823 | 2145 | 54.73 00 | 7.7 - 8.5 | 824 |
| 1955 | 34.58+25 | 14.9 - 0.8 | 824 | 2148 | 7.73+17 | 39.6+1.6 | 824 |
| 1957 | 6.71+15 | 33.7+0.2 | 824 | 2151 | 39.12 - 15 | 4.9 - 5.7 | 824 |
| 1972 | 51.14+06 | — — | 824 | 2156 | 51.57+02 | 24.7 - 3.1 | 824 |
| 1975 | 3.77+17 | 12.7+1.0 | 824 | 2160 | 43.76 - 01 | 53.3 - 3.7 | 824 |

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk |
|---|---|---|---|---|---|---|---|
| 2161 | 0.60 - 41 | 25.9 - 3.2 | 824 | 2617 | 3.20+06 | 59.5+3.9 | 845 |
| 2173 | 9.50 - 22 | 57.4+1.9 | 824 | 2618 | 15.93 - 12 | — — | 845 |
| 2178 | 9.41 - 05 | 47.6+12.5 | 824 | 2621 | 18.66+09 | 50.8 - 0.7 | 845 |
| 2194 | 5.58+15 | 14.0 - 6.7 | 824 | 2627 | 17.73 - 42 | 30.7 - 0.5 | 845 |
| 2196 | 31.72 - 13 | 51.7 - 8.6 | 824 | 2631 | 55.83 - 03 | 25.9+3.9 | 871 |
| 2403 | 29.39+12 | 53.3+5.1 | 845 | 2644 | 23.71 - 19 | 22.1 - 5.8 | 845 |
| 2424 | 3.48+15 | 23.6+2.1 | 845 | 2654 | 39.50+13 | 37.0 - 3.6 | 845 |
| 2430 | 7.45+12 | 21.9 - 0.5 | 845 | 2656 | 17.06 - 27 | — — | 845 |
| 2443 | 59.52 - 23 | 25.5+1.4 | 845 | 2662 | 2.99 - 15 | — — | 845 |
| 2448 | 28.40+29 | — — | 845 | 2665 | 36.48+12 | 1.3 - 2.1 | 845 |
| 2459 | 56.09+18 | 36.4 - 0.2 | 845 | 2668 | 59.73 - 09 | 32.8 - 1.1 | 871 |
| 2462 | 33.69+10 | 23.9 - 0.4 | 845 | 2681 | 13.47 - 14 | 7.8 - 0.3 | 845 |
| 2468 | 8.28 - 05 | 23.0+3.5 | 845 | 2684 | 7.87 - 45 | 15.7 - 0.9 | I. |
| 2469 | 46.02 00 | 55.5+2.1 | 845 | 2687 | 44.95 - 11 | 40.7 - 0.4 | 845 |
| 2476 | 39.55+13 | 56.5 - 2.5 | 845 | 2694 | 8.19+01 | 4.2 - 1.9 | II. |
| 2484 | 36.36+05 | 12.6+3.2 | 845 | 2697 | 20.75+39 | 3.4+0.8 | III. |
| 2491 | 13.71 - 06 | 21.9+2.8 | 845 | 2698 | 4.40 - 01 | 20.3+1.4 | 871 |
| 2502 | 4.57 - 14 | 36.5+1.0 | 845 | 2703 | 2.71 - 02 | 49.2+5.5 | 871 |
| 2505 | 20.50+05 | 16.7 - 1.1 | 845 | 2707 | 3.35 - 12 | 28.3 - 1.9 | IV. |
| 2510 | 54.13 - 04 | 10.9+1.1 | 845 | 2719 | 5.71 - 13 | 10.6+0.1 | 846 |
| 2513 | 1.50+05 | 50.2 - 0.1 | 845 | 2723 | 34.98+01 | 23.8+4.1 | 872 |
| 2520 | 57.80 - 03 | 35.2+0.3 | 845 | 2725 | 46.43 - 09 | 12.5+0.2 | 872 |
| 2526 | 20.30+06 | 43.8+0.3 | 845 | 2726 | 47.83 - 03 | 50.9 - 3.0 | 846 |
| 2532 | 19.72+10 | 19.4+9.5 | 845 | 2727 | 55.19+07 | 53.7+6.3 | 872 |
| 2537 | 0.14 - 15 | 27.6 - 1.0 | 845 | 2744 | 52.36 - 04 | 15.8+2.5 | 871 |
| 2568 | 2.85 00 | 4.2 - 1.4 | 845 | 2749 | 30.99 - 04 | 24.9 - 0.6 | 872 |
| 2573 | 33.30 - 01 | 42.2 - 1.3 | 845 | 2751 | 36.41+18 | 6.5+2.2 | 829 |
| 2583 | 35.67 - 44 | 13.8 - 3.9 | 845 | 2753 | 50.99 - 24 | 49.5+1.9 | 846 |
| 2589 | 54.78+08 | 11.8 - 1.0 | 845 | 2758 | 19.61+02 | 41.2 - 4.3 | 871 |
| 2604 | 29.45+01 | 47.0 - 1.8 | 845 | 2 765 | 35.70+21 | 26.0 - 1.1 | 872 |

I. (845) -0.07 +0.2; (846) +0.07 -0.2. II. (845) +0.02 +0.8; (846) -0.02 -0.8.
III. (845) -0.23 -0.3; (872) +0.23 +0.2. IV. (845) +0.21 +1.9; (872) -0.02 -2.0.

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-3° -9°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2770 | 11.07+08 | 29.1 - 4.1 | 872 | 2844 | 40.67 - 06 | 34.3 - 1.2 | VI. |
| 2772 | 25.61 00 | 2.5 - 4.5 | I. | 2847 | 55.41 - 02 | 8.4+0.9 | 871 |
| 2774 | 30.36+12 | 48.4+0.9 | 872 | 2850 | 4.78 - 20 | 46.9 - 2.3 | 831 |
| 2775 | 53.17 - 03 | 23.9 - 0.1 | 846 | 2851 | 4.81+05 | 13.3 - 0.2 | 846 |
| 2778 | 4.39 - 11 | 19.3+5.5 | 872 | 2852 | 11.42+05 | 34.1+2.8 | 830 |
| 2784 | 30.22 - 03 | 34.0+2.1 | 831 | 2859 | 32.68 - 01 | 26.3 - 0.1 | 830 |
| 2787 | 46.24 - 07 | 41.3 - 1.9 | 872 | 2860 | 35.87 - 12 | 47.2+1.5 | 846 |
| 2791 | 20.06+11 | 56.6 - 1.2 | 871 | 2862 | 4.65+12 | 54.1+2.9 | 830 |
| 2794 | 36.98+06 | 1.4+1.1 | 872 | 2863 | 5.23 00 | 2.9+5.0 | 872 |
| 2796 | 40.71 - 04 | 5.6 - 0.4 | 872 | 2870 | 58.23 - 15 | 26.5+0.5 | 831 |
| 2798 | 45.88 - 24 | 7.3+0.1 | 846 | 2877 | 31.83+03 | 4.0+2.3 | 846 |
| 2799 | 46.75 - 18 | 17.2 - 0.5 | 831 | 2878 | 44.27 - 06 | 34.4+2.2 | 831 |
| 2804 | 31.71 - 04 | 2.5+2.5 | 846 | 2884 | 13.00 - 02 | 4.3+0.9 | 846 |
| 2806 | 32.48+05 | 50.3 - 1.2 | 831 | 2887 | 18.32 - 03 | 5.8+2.2 | 871 |
| 2808 | 35.25+01 | 40.9+1.0 | 846 | 2889 | 19.90+02 | 17.1+3.9 | 831 |
| 2809 | 41.88 - 05 | 24.2 - 0.2 | 872 | 2894 | 0.59 - 11 | 30.7+1.2 | 831 |
| 2810 | 59.30 - 04 | 17.0+0.5 | II. | 2903 | 26.33 - 03 | 23.7+0.4 | VII. |
| 2811 | 0.95 - 02 | 56.8+2.1 | 831 | 2911 | 53.90 00 | 38.8 - 1.6 | 871 |
| 2816 | 47.28 - 08 | 8.0+2.8 | 871 | 2919 | 39.38+06 | 57.3+0.1 | 872 |
| 2819 | 6.39+18 | 19.0 - 0.3 | III. | 2920 | 41.78 - 10 | 55.2 - 1.0 | 871 |
| 2820 | 13.13 - 08 | 16.9+2.7 | 846 | 2924 | 53.90+18 | 9.8+5.2 | 831 |
| 2821 | 28.66 - 15 | 41.9+0.7 | 831 | 2932 | 27.45+03 | 13.6+1.6 | 872 |
| 2829 | 30.23 - 09 | 37.3+3.1 | 872 | 2933 | 31.55 - 08 | 38.4+0.2 | VIII. |
| 2831 | 37.65 - 18 | 2.3+0.6 | IV. | 2934 | 34.14 - 04 | 12.1 0.0 | IX. |
| 2833 | 48.65 - 12 | 19.6+2.2 | 871 | 2937 | 47.62 - 20 | 26.0+1.1 | 831 |
| 2835 | 49.31+07 | 28.6+1.7 | 872 | 2939 | 51.07 - 02 | 36.1+2.7 | 846 |
| 2839 | 9.98 - 07 | 33.0 - 0.2 | 871 | 2940 | 1.83+09 | 12.7+1.9 | X. |
| 2843 | 39.41 - 03 | 42.2+2.9 | V. | 2948 | 11.51 - 07 | 25.7+4.1 | 846 |

I. (831) -0.06 +2.6; (846) +0.06 -2.6. II. (831) +0.01 +0.5; (872) 0.00 -0.5.
III. (831) +0.22 -0.1; (872) -0.22 0.0. IV. (831) -0.09 -0.5; (872) +0.09 +0.5.
V. (831) +0.06 +1.3; (872) -0.05 -1.3. VI. (831) -0.05 +1.2; (872) +0.06 -1.2.
VII. (831) -0.01 +0.5; (872) +0.02 -0.5. VIII. (830) -0.06 -3.0; (871) +0.07 +3.0.
IX. (830) -0.08 -1.8; (871) +0.08 +1.7. X. (831) -0.02 -0.3; (872) +0.02 +0.2.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2951 | 38.02 - 13 | 19.8+4.1 | 871 | 3030 | 2.80 - 23 | 1.5 — | 846 |
| 2952 | 46.79 - 04 | 36.0 - 1.3 | 830 | 3032 | 25.30 - 07 | 20.7 - 2.3 | 830 |
| 2953 | 46.85 - 08 | 57.7 - 0.6 | 831 | 3034 | 16.31+01 | 43.6 - 1.5 | 831 |
| 2954 | 53.99+30 | 21.7+3.0 | 830 | 3035 | 20.35 - 08 | 56.9 - 3.6 | 871 |
| 2955 | 55.86 - 04 | 32.0+3.6 | 846 | 3041 | 16.99+17 | 41.6+1.3 | 831 |
| 2959 | 6.70 - 02 | 30.8+0.6 | 871 | 3042 | 17.49 - 12 | 13.6+1.3 | 846 |
| 2960 | 8.14+02 | 27.8+0.7 | I. | 3046 | 53.96+12 | 45.2+1.7 | 830 |
| 2961 | 9.68 - 09 | 58.3+1.9 | 872 | 3048 | 16.52 - 06 | 34.1 - 0.9 | 846 |
| 2963 | 28.46 - 19 | 57.5 - 0.4 | 846 | 3050 | 31.90 - 21 | 37.4 - 4.3 | VII. |
| 2975 | 24.81+11 | 48.5+1.1 | 830 | 3055 | 41.82 - 03 | 12.1+0.2 | 846 |
| 2976 | 24.87+03 | 19.5+1.6 | 830 | 3058 | 53.15+05 | 38.6+1.2 | 830 |
| 2977 | 26.33 - 13 | 28.8 - 0.1 | 846 | 3060 | 14.30+04 | 5.5 - 6.1 | 872 |
| 2980 | 41.27+25 | 42.7 - 2.8 | 871 | 3061 | 15.13+05 | 48.9 0.0 | 831 |
| 2984 | 3.15+06 | 30.5+3.1 | II. | 3065 | 45.88 00 | 7.1+1.5 | 830 |
| 2989 | 24.92+25 | 59.9 - 1.3 | 872 | 3068 | 13.40 - 22 | 11.2+3.2 | 846 |
| 2992 | 40.32 - 07 | 42.5 - 2.2 | III. | 3074 | 57.11+18 | 42.4 - 3.3 | 872 |
| 2994 | 51.71+03 | 22.2+1.3 | 830 | 3075 | 12.72+27 | 32.6 - 1.1 | 831 |
| 2995 | 53.40+24 | 25.5 - 0.3 | 831 | 3078 | 28.12 - 20 | 10.8+0.5 | 846 |
| 3001 | 24.07 - 02 | 28.6+1.2 | 846 | 3080 | 54.44+06 | 40.7 - 3.4 | 831 |
| 3006 | 41.57+11 | 18.4+2.2 | 830 | 3084 | 13.30 - 04 | 13.8 - 2.0 | 846 |
| 3008 | 51.68 - 05 | 48.3 - 1.8 | IV. | 3093 | 19.11+22 | 48.8+2.8 | 830 |
| 3014 | 16.54 - 02 | 32.3 0.0 | 831 | 3096 | 28.06 - 11 | 29.9 - 0.9 | VIII. |
| 3015 | 17.59+03 | 21.1+0.8 | 846 | 3098 | 32.55 - 06 | 8.0 - 2.0 | 871 |
| 3016 | 23.12+01 | 39.0 - 1.2 | 872 | 3099 | 43.75 - 02 | 28.5 - 2.0 | 830 |
| 3023 | 23.57 00 | 8.9 - 0.1 | V. | 3100 | 57.34+02 | 4.9 - 0.6 | IX. |
| 3025 | 38.32+02 | 15.2 0.0 | VI. | 3103 | 6.05+24 | 17.3 - 4.2 | 830 |
| 3027 | 45.89 - 11 | 22.5 - 1.1 | 871 | 3116 | 18.55 00 | 57.3+0.1 | 830 |
| 3029 | 1.55 - 09 | 33.4+1.9 | 846 | 3117 | 20.44+13 | 39.3+1.7 | 831 |

I. (831) -0.05 —; (872) +0.06 0.0. II. (831) -0.12 -0.8; (846) +0.13 +0.2. III. (831) -0.09 0.0; (846) +0.10 —. IV. (831) +0.17 —; (846) +0.17 0.0. V. (831) -0.07 -0.6; (872) +0.08 +0.6. VI. (829) -0.05 -0.6; (830) +0.02 +1.2; (871) +0.04 -0.7. VII. (831) +0.11 —; (872) -0.10 0.0. VIII. (831) -0.05 -0.6. (846) +0.06 +0.5. IX. (831) -0.08 0.0; (846) +0.08 -0.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 3118 | 24.31+10 | 4.7 – 2.9 | 846 | 3205 | 54.65+20 | 19.4 – 1.3 | 872 |
| 3119 | 40.51 – 35 | 55.9+1.5 | 830 | 3212 | 43.35+06 | 6.6 – 2.4 | 830 |
| 3123 | 17.73 – 07 | 17.8+0.7 | 846 | 3213 | 43.76 – 09 | 42.1 – 4.4 | 846 |
| 3125 | 20.51+10 | 20.1 – 2.7 | 831 | 3214 | 58.82 – 05 | 45.3 – 4.6 | 872 |
| 3126 | 26.67+13 | 44.3 – 1.5 | 829 | 3215 | 4.54 – 21 | 9.4 – 4.9 | 872 |
| 3128 | 50.18 – 05 | 8.2 ? | I. | 3223 | 44.90 – 06 | 25.6 – 0.5 | 830 |
| 3132 | 56.56+13 | 16.7+1.9 | 831 | 3224 | 45.06+25 | 18.4 – 4.2 | 872 |
| 3134 | 5.91+18 | 54.0 – 1.0 | 829 | 3226 | 3.87+03 | 23.5 – 3.6 | 846 |
| 3142 | 0.29+15 | 54.2 – 1.0 | II. | 3227 | 14.60 – 06 | 7.5 – 1.1 | 846 |
| 3144 | 12.07+01 | 31.9+0.9 | 846 | 3228 | 33.41+09 | 21.3 – 2.4 | 846 |
| 3146 | 25.35+07 | 13.9+2.5 | 830 | 3231 | 3.21+10 | 43.1 – 0.2 | 830 |
| 3155 | 7.72+24 | 16.9 – 2.2 | III. | 3234 | 24.94+03 | 19.3 – 1.5 | 871 |
| 3156 | 16.05+05 | 47.5+0.3 | 830 | 3235 | 31.76+11 | 38.6 – 1.8 | 830 |
| 3157 | 22.57+15 | 54.1+2.2 | 830 | 3240 | 17.90 – 09 | 28.9+1.4 | 871 |
| 3162 | 46.62+04 | 19.3 – 4.9 | IV. | 3244 | 20.35+06 | — — | 846 |
| 3167 | 59.55+04 | 34.1 – 0.7 | 846 | 3246 | 31.48 – 10 | 7.4 – 0.9 | 871 |
| 3169 | 16.53+08 | 26.2+2.4 | 830 | 3251 | 54.86+09 | 58.9 – 1.7 | 846 |
| 3171 | 22.12+02 | 12.1+4.9 | 830 | 3256 | 47.23+05 | 34.1 – 3.3 | 846 |
| 3172 | 23.90+08 | 1.6 – 2.6 | 831 | 3257 | 55.21+22 | 30.4 – 2.6 | 830 |
| 3173 | 37.19 – 37 | 21.9+0.3 | 846 | 3259 | 2.65 – 12 | 59.1 – 0.1 | 830 |
| 3177 | 59.43 – 02 | 53.8 – 6.5 | 872 | 3260 | 16.86+02 | 58.9+0.8 | 830 |
| 3181 | 30.28+01 | 12.9 – 7.1 | 872 | 3262 | 24.68+06 | 54.6+1.4 | 846 |
| 3183 | 32.41 – 09 | 39.5+0.3 | V. | 3274 | 21.06+03 | 26.1+0.7 | 846 |
| 3184 | 32.30 – 07 | 27.5 – 1.5 | 831 | 3278 | 33.80 – 07 | 35.4 – 4.5 | 871 |
| 3189 | 52.17+08 | 37.6 – 1.5 | 846 | 3281 | 54.31 – 08 | 3.8 – 0.2 | 830 |
| 3198 | 10.22 – 03 | 26.8 – 3.1 | 872 | 3285 | 7.54+22 | 49.9+12.2 | 846 |
| 3199 | 11.75+11 | 20.6 – 1.7 | 871 | 3288 | 16.18+07 | 4.5 – 7.1 | 830 |
| 3200 | 12.18+02 | 47.1+1.2 | 871 | 3291 | 36.08+09 | 41.7 – 1.2 | 846 |
| 3201 | 28.76 – 14 | 35.0 – 2.0 | 846 | 3296 | 36.95 – 10 | 13.9 – 0.7 | 830 |

I. (831) -0.06 +0.1; (846) +0.06 -0.2. II. (831) -0.06 +0.8; (846) +0.07 -0.8. III. (831) 0.00 -1.0; (872) 0.00 +0.9. IV. (831) +0.01 +0.2; (872) 0.00 -0.3. V. (830) -0.08 -1.3; (871) +0.08 +1.2.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 3302 | 26.73+08 | 36.2 - 3.4 | 846 | 3480 | 22.33+10 | 45.6 - 0.3 | 830 |
| 3306 | 46.53+12 | 37.7 - 2.0 | 846 | 3486 | 59.89+08 | — — | 830 |
| 3308 | 56.74 - 18 | 19.1+2.7 | 830 | 3489 | 30.42+03 | 48.3 - 3.5 | 830 |
| 3310 | 14.38+11 | 39.5 - 1.0 | 830 | 3491 | 30.66 - 00 | 23.4 - 2.5 | 830 |
| 3313 | 26.69+15 | 26.5 - 0.8 | 830 | 3505 | 7.20+12 | 2.7+1.0 | 830 |
| 3327 | 39.93 - 10 | 16.3 - 0.5 | 830 | | | | |
| 3337 | 25.12+08 | 49.4 - 3.2 | 831 | | Decl. von +9° bis +15°. | | |
| 3341 | 49.26+01 | 22.7 - 2.9 | 830 | 377 | 22.67 - 19 | 33.1+3.0 | 806 |
| 3344 | 4.85+07 | 11.3 - 3.0 | 830 | 378 | 27.66 - 40 | 39.9 - 2.6 | 806 |
| 3354 | 49.30+06 | 29.1 - 6.4 | 831 | 389 | 42.47 - 09 | 59.3+1.1 | 806 |
| 3356 | 56.97+15 | 43.2 - 5.5 | 831 | 393 | 43.47 - 13 | 45.7 - 2.0 | 806 |
| 3362 | 52.73 - 03 | 2.1 - 1.7 | 830 | 396 | 54.98 - 18 | 12.9+0.4 | 806 |
| 3368 | 20.44+09 | 30.1 - 0.2 | 830 | 401 | 47.95 - 43 | 9.0+0.5 | 806 |
| 3371 | 36.94+15 | — — | 831 | 411 | 34.96 - 24 | 51.6+1.3 | 806 |
| 3375 | 53.96 00 | 22.0 - 4.9 | 831 | 443 | 43.83 - 04 | 50.1 - 2.4 | 806 |
| 3382 | 38.82 - 04 | 9.2+0.3 | 830 | 456 | 15.23 - 02 | 0.2+1.6 | 806 |
| 3402 | 17.25+10 | 25.3 - 5.6 | 831 | 457 | 42.22 — | 42.0 - 0.5 | 806 |
| 3406 | 44.07 - 02 | 19.0 - 3.7 | 830 | 463 | 41.92 00 | 36.8+1.1 | 806 |
| 3408 | 54.99 - 06 | 18.5 - 0.6 | 830 | 464 | 12.87 - 04 | 39.0 - 0.1 | 806 |
| 3409 | 58.48+02 | 36.7 - 5.0 | 830 | 471 | 3.44+52 | 39.7 — | 806 |
| 3412 | 13.16 - 10 | 3.6 - 10.7 | 831 | 483 | 47.46+13 | 15.1 - 0.5 | 806 |
| 3418 | 8.26 - 03 | 46.4 - 3.2 | 830 | 484 | 33.29 - 11 | 30.7 - 1.9 | I. |
| 3422 | 39.27+23 | 50.0 - 5.3 | 830 | 487 | 27.38 - 40 | 10.7+1.2 | 863 |
| 3431 | 20.06+11 | 43.7 - 6.3 | 831 | 489 | 12.41+21 | 42.2+8.9 | II. |
| 3442 | 0.71 - 05 | 50.7 - 3.6 | 830 | 493 | 58.21 - 27 | 58.6 ? | III. |
| 3443 | 4.30 - 26 | 5.3 - 1.3 | 830 | 495 | 14.03 - 78 | 33.4 —. | IV. |
| 3447 | 37.73 - 02 | 41.3+0.4 | 830 | 499 | 44.42 - 07 | 16.7+1.2 | 806 |
| 3460 | 24.54 - 08 | 11.1 - 2.1 | 830 | 500 | 48.65 - 19 | 22.4+1.0 | V. |
| 3471 | 40.09 - 08 | 33.7 - 3.4 | 830 | 501 | 21.45+13 | 42.2 - 4.6 | VI. |

I. (806) -0.20 +2.5; (807) +0.16 -0.3; (816) +0.05 -2.1. II. (806) -0.06 +5.3; (807) 0.00 +1.5; (816) +0.18 [+7.9]; (817) +0.05 -4.7; (863) -0.16 -1.9. III. (806) -0.04 +1.4; (807) +0.05 -1.4. IV. (806) -0.06 -0.1; (807) -0.03 -2.8; (818) +0.09 +2.8. V. (807) +0.03 +2.7; (817) -0.13 -1.1; (863) +0.09 -1.5. VI. (817) +0.01 -5.2; (818) 0.00 +5.2.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 504 | 14.68+23 | 52.3+0.8 | I. | 542 | 28.66+21 | 32.7 0.0 | 819 |
| 505 | 34.38+13 | 49.5+1.4 | II. | 543 | 16.47+08 | 8.4+2.5 | 819 |
| 509 | 7.48 - 68 | 26.1 - 0.6 | III. | 544 | 30.45+02 | 32.3+2.5 | XVI. |
| 510 | 42.15+13 | 24.2+2.2 | IV. | 546 | 7.81 - 21 | 59.1+3.3 | 819 |
| 513 | 58.96 - 01 | 39.3+3.8 | 818 | 547 | 54.09 - 07 | 5.1 - 0.2 | XVII. |
| 514 | 25.52 - 01 | 53.5 - 1.5 | 818 | 548 | 53.73+91 | 4.3+1.7 | 819 |
| 515 | 51.34+01 | 16.1+2.0 | V. | 549 | 56.56 - 03 | 56.4 - 4.3 | XVIII. |
| 517 | 43.48 - 05 | 20.4 - 0.5 | VI. | 551 | 2.38+17 | 3.7+2.7 | 819 |
| 518 | 26.08 - 35 | 6.2 - 8.2 | VII. | 552 | 27.14+19 | 29.5 - 8.4 | 819 |
| 520 | 46.84+43 | 46.9 - 0.8 | 819 | 555 | 2.97 - 10 | 39.5 - 1.4 | 819 |
| 521 | 25.75 - 17 | 5.6+0.2 | VIII. | 556 | 0.73+12 | 2.2 - 4.4 | 819 |
| 522 | 31.02 - 02 | 55.1+1.4 | IX. | 557 | 17.75 - 21 | 49.7+3.5 | 819 |
| 524 | 6.16 - 06 | 50.4+0.4 | X. | 558 | 41.64 - 16 | 42.0 - 9.5 | 819 |
| 529 | 19.94+42 | 34.5+1.0 | XI. | 560 | 27.71 - 16 | 3.9 - 2.0 | XIX. |
| 530 | 27.52 - 04 | 37.3 - 2.2 | 818 | 561 | 0.74+01 | 24.9 - 4.1 | 863 |
| 531 | 16.24 - 04 | 8.9 - 7.7 | XII. | 562 | 45.95 - 01 | 39.4 - 0.7 | XX. |
| 532 | 50.02 - 03 | 14.9+4.2 | XIII. | 563 | 14.75 - 18 | 20.2 - 4.8 | 817 |
| 533 | 23.00 - 22 | 22.4+3.2 | 807 | 587 | 35.64 - 25 | 4.4+4.3 | 854 |
| 534 | 24.66+07 | 33.3+0.3 | 807 | 589 | 13.12+22 | 38.4+3.8 | 854 |
| 536 | 9.87+28 | 29.2+1.3 | XIV. | 601 | 12.12+02 | 3.1+1.7 | 854 |
| 539 | 34.77 - 02 | 9.6+5.1 | XV. | 602 | 22.92 00 | 12.8+1.1 | 854 |

**I.** (806) -0.11 +0.9; (807) -0.01 -2.8; (818) +0.11 +3.1; (819) +0.01 -1.0. **II.** (806) +0.03 +0.8; (807) -0.02 -0.8; (818) +0.02 0.0; (819) -0.03 0.0. **III.** (806) +0.05 +2.0; (863) -0.05 -2.0. **IV.** (806) -0.07 +0.5; (807) +0.06 -1.1; (818) +0.01 +0.6. **V.** (818) +0.10 +2.1; (819) -0.10 -2.0. **VI.** (806) -0.07 [-12.3]; (807) -0.01 -1.9; (818) +0.07 +2.0. **VII.** (806) -0.10 -2.0; (807) +0.06 -1.6; (818) +0.11 +3.5; (819) -0.02 +0.5; (863) -0.06 -0.3. **VIII.** (818) +0.03 +2.1; (819) -0.02 -2.0. **IX.** (806) -0.12 0.0; (807) +0.10 -3.5; (819) +0.01 +3.5. **X.** (817) +0.05 -0.2; (863) -0.04 +0.3. **XI.** (806) -0.09 -1.5; (807) +0.07 -1.7; (818) +0.03 +1.2; (819) [-0.36] +2.2. **XII.** (806) -0.01 0.0; (807) +0.02 —. **XIII.** (806) -0.06 0.0; (807) +0.06 —. **XIV.** (807) +0.03 -1.6; (818) -0.03 +1.6. **XV.** (806) -0.02 +0.6; (807) +0.03 -0.6. **XVI.** (806) -0.07 -0.1; (807) +0.04 -0.4; (819) +0.03 +0.5. **XVII.** (807) -0.01 -1.9; (819) +0.02 +2.0. **XVIII.** (819) -0.01 0.0; (863) +0.02 —. **XIX.** (807) +0.03 +2.1; (863) -0.02 -2.0. **XX.** (807) +0.02 +3.4; (817) -0.02 -3.0; (863) -0.01 -0.05.



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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 603 | 24.05 - 10 | 3.3+2.8 | 854 | 651 | 42.87 - 13 | 15.7 - 2.1 | 854 |
| 606 | 42.67+04 | 47.2 - 2.3 | 873 | 654 | 26.49 - 02 | 37.5 - 1.1 | 854 |
| 609 | 27.85+07 | 48.2+0.9 | I. | 660 | 53.38 - 10 | 40.0 - 0.3 | 873 |
| 611 | 56.81 - 12 | 4.4+0.1 | 854 | 662 | 40.61 - 19 | 48.5 - 1.0 | 873 |
| 613 | 33.49+03 | 56.1+1.1 | 873 | 666 | 32.97 - 14 | 4.5+0.6 | 873 |
| 614 | 19.47 - 04 | 17.7+2.1 | II. | 667 | 53.63 - 17 | 23.2 - 3.5 | 873 |
| 616 | 47.01+02 | 4.9+0.2 | III. | 669 | 40.23+11 | 20.7+1.9 | VIII. |
| 619 | 55.89+12 | 30.6 - 0.3 | 873 | 671 | 58.21 - 23 | 35.9 - 0.1 | 873 |
| 621 | 48.07 - 07 | 7.8+2.1 | 873 | 672 | 2.93 - 01 | 5.1 - 0.2 | 854 |
| 624 | 40.40 - 05 | 23.7 0.0 | 873 | 674 | 47.86 - 12 | 12.2 - 2.2 | 873 |
| 627 | 40.88+06 | 25.0+2.1 | 873 | 678 | 49.88 - 29 | 23.5 - 1.0 | IX. |
| 629 | 8.07 - 13 | 45.9+0.5 | IV. | 679 | 17.97 - 09 | 43.7 - 2.3 | X. |
| 630 | 43.57+02 | 20.5+1.7 | V. | 685 | 51.86 00 | 28.1 - 2.7 | XI. |
| 632 | 14.29 - 22 | 15.5+3.5 | 854 | 688 | 58.58 - 14 | 54.8 - 3.0 | 873 |
| 634 | 4.20 - 12 | 49.4+0.2 | 854 | 689 | 55.73 - 06 | 20.2 - 1.6 | 873 |
| 635 | 13.03 - 09 | 35.2 - 0.7 | 854 | 691 | 52.78+32 | 33.9 ? | 854 |
| 636 | 15.03+09 | 54.2+2.6 | 873 | 693 | 9.51 - 06 | 38.6 - 2.5 | 873 |
| 638 | 13.41 - 11 | 33.5 - 2.3 | 873 | 695 | 54.64 - 07 | 58.1 - 1.6 | XII. |
| 639 | 16.47+07 | 18.6+0.4 | 873 | 696 | 47.96 - 24 | 41.1 - 1.4 | XIII. |
| 641 | 30.21 - 18 | 3.7+1.4 | VI. | 701 | 56.71 - 02 | 6.6 - 9.7 | XIV. |
| 642 | 33.01+26 | 45.7 - 1.3 | 873 | 703 | 21.90 - 06 | 1.2 - 2.2 | XV. |
| 643 | 30.72 - 12 | 58.6+1.5 | VII. | 704 | 23.26 - 03 | 47.2 - 1.8 | XVI. |
| 646 | 2.41 - 04 | 55.3 — | 854 | 706 | 53.24 - 06 | 39.4 - 1.9 | XVII. |
| 647 | 46.74 - 04 | 25.7+2.4 | 854 | 707 | 4.27+02 | 30.7 - 0.5 | 854 |
| 650 | 38.28 - 02 | 24.8 - 2.2 | 854 | 712 | 36.49+09 | 42.7 - 2.4 | 873 |

**I.** (854) +0.07 0.0; (873) -0.06 +0.1. **II.** (854) -0.02 -0.2; (873) +0.02 +0.2. **III.** (854) 0.00 +0.8; (873) 0.00 -0.7. **IV.** (854) +0.08 -2.0; (873) -0.08 +2.1. **V.** (854) 0.00 +1.0; (873) +0.01 -0.9. **VI.** (854) +0.24 -0.9; (873) -0.23 +1.0. **VII.** (854) -0.10 -0.4; (873) +0.11 +0.5. **VIII.** (854) 0.00 +0.9; (874) 0.00 -0.9. **IX.** (854) +0.10 +1.2; (873) -0.10 -1.1. **X.** (854) +0.04 +0.2; (873) -0.04 -0.1. **XI.** (873) -0.12 +0.1; (874) +0.13 0.0. **XII.** (854) +0.12 +0.6; (873) -0.11 -0.5. **XIII.** (854) +0.08 -0.9; (873) -0.07 +1.0. **XIV.** (854) +0.08 +0.9; (873) -0.08 -0.9. **XV.** (854) +0.08 -0.5; (873) -0.07 +0.6. **XVI.** (854) -0.02 -0.5; (873) +0.02 +0.6. **XVII.** (854) +0.04 -1.4; (873) -0.04 +1.5.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 718 | 15.83+02 | 33.7 - 0.7 | I. | 783 | 46.50+16 | 49.9 - 0.8 | X. |
| 719 | 55.13 - 09 | 36.3+0.9 | II. | 786 | 27.16+01 | 57.2+1.7 | XI. |
| 721 | 44.01 - 11 | 51.6 - 0.1 | III. | 788 | 43.75 - 08 | 36.4 - 0.9 | 844 |
| 722 | 27.55+12 | 24.2 - 1.5 | 873 | 790 | 37.03 - 08 | 3.6 ? | 844 |
| 724 | 7.85 - 08 | 39.0 - 4.0 | 873 | 791 | 4.67+18 | 17.8+2.1 | 844 |
| 726 | 58.96+05 | 46.1 - 0.3 | IV. | 793 | 2.35+03 | 59.5+1.1 | 844 |
| 727 | 57.18+24 | 15.7 - 3.7 | 873 | 794 | 8.15 - 02 | 40.4 ? | 844 |
| 733 | 35.46+06 | 15.2+4.1 | V. | 795 | 28.67 - 01 | 33.8+0.5 | 844 |
| 746 | 26.07 00 | 21.8+0.7 | 844 | 796 | 1.09 - 14 | 20.8+1.6 | 844 |
| 747 | 29.88 ? | 0.9 - 1.5 | 844 | 797 | 25.09+41 | 41.2+1.4 | 844 |
| 751 | 7.85 - 07 | 55.2 - 1.5 | 844 | 800 | 57.09 - 16 | 35.1+3.4 | 844 |
| 753 | 49.93 - 13 | 49.3 - 0.9 | 844 | 816 | 50.23 - 35 | 6.9+0.5 | 844 |
| 756 | 16.03 - 05 | 26.1+4.2 | 825 | 817 | 41.83+04 | 36.7+0.4 | 844 |
| 757 | 3.90+05 | 44.8+8.1 | 844 | 819 | 56.22 - 04 | 42.3 - 1.1 | 844 |
| 758 | 19.00 - 02 | 55.4+2.5 | 825 | 820 | 14.87 - 03 | 35.6 - 0.6 | 825 |
| 759 | 31.40 - 03 | 41.0 - 0.1 | 844 | 821 | 2.63+10 | 12.8+1.2 | 844 |
| 762 | 43.59+07 | 15.3+0.8 | VI. | 830 | 40.46 - 03 | 56.0+1.5 | 825 |
| 766 | 25.97+07 | 16.3+1.6 | VII. | 834 | 53.74 - 12 | 24.3 - 3.5 | 825 |
| 767 | 47.74 - 05 | 43.2+1.6 | 825 | 835 | 5.91 - 20 | 37.4+0.1 | 825 |
| 769 | 11.79 00 | 46.8 - 0.3 | 825 | 840 | 18.17+02 | 1.7+6.3 | 843 |
| 773 | 33.46 - 02 | 16.3+0.7 | 844 | 841 | 21.63 00 | 51.2+6.7 | 844 |
| 774 | 38.60 - 11 | 54.2+1.6 | VIII. | 842 | 42.93+12 | 40.3 - 2.5 | 844 |
| 775 | 0.80+31 | 33.8 - 1.7 | 843 | 843 | 48.28 - 29 | 14.8+0.2 | 825 |
| 776 | 9.63 - 30 | 58.3 - 3.4 | 843 | 847 | 16.83 - 01 | 54.5 - 4.8 | 825 |
| 777 | 13.82 - 30 | 48.6+0.3 | 778 | 848 | 35.78+20 | 31.9+0.4 | 844 |
| 779 | 21.34+07 | 36.2 - 0.1 | IX. | 849 | 53.61 - 01 | 57.5 - 0.8 | 825 |

**I.** (825) +0.09 -1.0; (854) +0.02 0.0; (873) -0.12 +0.9. **II.** (854) +0.10 -1.0; (873) -0.09 +1.1. **III.** (854) +0.10 +0.9; (873) -0.10 -0.9. **IV.** (843) +0.19 -0.5; (844) -0.17 +0.5; (874) -0.03 -0.1. **V.** (825) +0.10 -0.4; (844) -0.02 -2.1; (873) -0.08 +2.5. **VI.** (825) -0.01 +0.5; (844) +0.02 -0.4. **VII.** (825) 0.00 +0.6; (844) +0.01 -0.5. **VIII.** (825) +0.07 +0.5; (844) -0.06 -0.5. **IX.** (825) -0.05 -0.8; (844) +0.06 +0.9. **X.** (825) +0.03 +0.8; (844) -0.02 -0.8. **XI.** (825) +0.07 +1.3. (844) -0.06 -1.3.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 855 | 11.58 – 01 | 25.2 – 0.1 | I. | 1009 | 16.43 – 09 | 52.7 + 3.0 | 826 |
| 856 | 33.21 – 14 | 50.6 – 3.4 | 844 | 1014 | 37.24 – 11 | 54.1 + 2.6 | 826 |
| 861 | 36.98 + 06 | 24.7 – 2.3 | II. | 1017 | 55.60 – 07 | 51.8 + 2.3 | 826 |
| 866 | 10.41 + 09 | 45.5 – 1.7 | 844 | 1023 | 32 31 + 34 | 43.0 – 3.3 | 844 |
| 868 | 48.30 – 15 | 51.7 – 1.4 | 844 | 1035 | 50.32 + 23 | 33.8 – 2.2 | 844 |
| 869 | 6.05 – 06 | 4.4 – 0.9 | 844 | 1036 | 9.57 – 11 | 48.6 – 2.5 | 844 |
| 880 | 41.27 + 08 | 1.1 – 2.1 | 844 | 1037 | 13.45 + 09 | 50.6 – 4.3 | 844 |
| 883 | 11.17 – 18 | 48.4 + 1.5 | 844 | 1057 | 9.34 – 14 | 49.1 + 1.0 | 826 |
| 886 | 26.36 + 11 | 35.3 – 6.0 | 844 | 1135 | 18.91 – 06 | 21.0 + 1.3 | 883 |
| 893 | 17.88 – 10 | 49.4 – 3.9 | 844 | 1141 | 29.01 + 20 | 35.7 – 1.4 | 883 |
| 894 | 24.20 – 01 | 21.9 – 0.7 | 844 | 1142 | 35.87 + 02 | 42.3 + 1.2 | III. |
| 900 | 10.09 – 54 | 48.4 – 6.3 | 843 | 1162 | 45.13 + 08 | 55.5 + 1.8 | 883 |
| 901 | 30.23 + 10 | 18.3 – 5.1 | 844 | 1163 | 2.65 + 23 | 7.5 + 2.4 | 883 |
| 904 | 15.39 + 14 | 2.6 – 0.7 | 844 | 1195 | 10.85 – 07 | 21.4 + 2.0 | 851 |
| 908 | 13.35 + 02 | 0.4 – 1.4 | 844 | 1204 | 26.90 – 08 | 17.1 + 3.0 | IV. |
| 914 | 14.17 + 07 | 6.4 – 4.2 | 844 | 1206 | 51.09 – 10 | 28.5 + 0.1 | V. |
| 916 | 30.85 + 02 | 12.2 – 3.1 | 844 | 1212 | 54.89 – 04 | 2.0 – 3.3 | 851 |
| 918 | 36.14 + 26 | 14.6 – 2.0 | 844 | 1216 | 17.39 – 03 | 15.4 – 1.2 | 851 |
| 921 | 30.78 – 13 | 28.7 – 1.3 | 844 | 1228 | 36.33 – 01 | 11.2 – 1.4 | 851 |
| 922 | 38.19 + 01 | 49.5 – 0.5 | 844 | 1236 | 39.56 + 06 | 35.5 + 1.9 | 851 |
| 933 | 6.57 – 02 | 58.9 – 2.0 | 844 | 1238 | 0.13 – 11 | 13.0 – 0.3 | 851 |
| 937 | 45.68 + 17 | 57.8 – 1.5 | 844 | 1243 | 26.99 – 01 | 47.5 ? | 850 |
| 938 | 50.11 + 02 | 13.0 – 0.5 | 844 | 1245 | 36.82 + 05 | 50.0 – 1.2 | 851 |
| 948 | 30.80 – 07 | 40.6 + 0.3 | 844 | 1247 | 50.56 00 | 31.8 + 4.2 | 850 |
| 982 | 2.49 + 14 | 15.0 — | 844 | 1249 | 7.79 + 05 | 23.2 + 1.0 | 851 |
| 997 | 1.67 + 38 | 12.9 – 2.1 | 844 | 1252 | 55.03 – 16 | 36.1 – 1.7 | 850 |
| 1001 | 3.94 + 34 | 47.3 – 2.3 | 844 | 1258 | 17.94 – 07 | 44.9 + 2.6 | 850 |
| 1003 | 18.56 + 06 | 28.0 – 2.1 | 826 | 1264 | 36.55 – 15 | 55.9 + 1.0 | 849 |
| 1006 | 55.80 + 09 | 50.3 – 2.0 | 844 | 1268 | 15.37 – 10 | 13.4 – 1.1 | 850 |

**I.** (825) +0.09 +0.8; (844) -0.09 -0.8. **II.** (825) +0.09 -0.1; (844) -0.08 +0.2. **III.** (826) +0.08 +0.9; (883) -0.08 -0.8. **IV.** (849) +0.14 +3.9; (850) -0.13 -3.8. **V.** (849) +0.05 +0.9; (851) -0.04 -0.8.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1281 | 27.97 - 08 | 6.4+1.4 | 850 | 1406 | 33.35 - 02 | 51.9 - 2.8 | 851 |
| 1282 | 43.50 - 12 | 15.0 - 0.3 | 850 | 1411 | 32.12+04 | 10.6 - 2.0 | 850 |
| 1287 | 25.42 - 01 | 7.9 - 1.4 | 850 | 1412 | 36.20 - 19 | 7.6 - 1.2 | VI. |
| 1288 | 34.23 - 04 | 27.5 - 0.1 | 851 | 1437 | 41.39 00 | 27.7+0.4 | 850 |
| 1295 | 2.27 - 48 | 28.9+2.5 | 850 | 1444 | 20.78 - 27 | 9.7 - 0.8 | 850 |
| 1301 | 38.18 - 02 | 33.7+3.5 | 851 | 1454 | 11.28 - 16 | 48.4 - 1.5 | 850 |
| 1308 | 16.97 - 07 | 29.9 - 0.4 | 851 | 1472 | 52.30 - 15 | 59.8+2.8 | 850 |
| 1309 | 21.11 - 04 | 40.8+1.1 | 850 | 1502 | 17.04+29 | 15.1+3.1 | 850 |
| 1312 | 57.21 - 01 | 35.8 - 0.3 | 850 | 1510 | 57.46 - 69 | 45.1+2.2 | 850 |
| 1315 | 9.51+04 | 9.3+1.9 | 851 | 1511 | 17.15 - 02 | 8.5 - 0.4 | 850 |
| 1319 | 26.71+08 | 3.1 - 1.7 | 850 | 1517 | 2.66 - 09 | 37.6 - 2.1 | 883 |
| 1326 | 6.49+06 | 18.4+0.2 | I. | 1530 | 44.57+13 | 48.2+0.8 | VII. |
| 1329 | 25.91 - 33 | 18.3 - 0.9 | 851 | 1534 | 53.18 - 24 | 44.1+1.0 | 883 |
| 1332 | 56.66+02 | 4.5 - 1.7 | 851 | 1541 | 23.11 - 08 | 2.2+0.3 | 850 |
| 1338 | 53.01 - 03 | 31.8+0.4 | II. | 1550 | 14.83 - 10 | 58.0 - 2.4 | 850 |
| 1339 | 53.37 - 10 | 50.8+0.1 | III. | 1552 | 22.83+04 | 31.7 - 2.7 | 850 |
| 1341 | 34.72 00 | 11.1+1.4 | 850 | 1556 | 45.03 - 16 | 58.9 - 0.8 | 883 |
| 1347 | 43.55 - 13 | 58.2+2.5 | IV. | 1558 | 7.40 - 19 | 31.0+0.6 | VIII. |
| 1350 | 7.62 - 13 | 42.5+3.6 | V. | 1569 | 17.71+07 | 2.3+2.1 | IX. |
| 1360 | 2.06 - 26 | 32.0+1.8 | 851 | 1587 | 15.20 - 01 | 58.1+2.8 | 858 |
| 1364 | 20.93 - 11 | 52.8+1.2 | 850 | 1596 | 58.87 - 04 | 24.0+2.7 | 858 |
| 1378 | 2.43 00 | 21.6 - 1.4 | 850 | 1609 | 54.32 - 15 | 18.2 - 0.1 | X. |
| 1384 | 5.74 - 01 | 26.0+2.6 | 850 | 1610 | 5.33 - 13 | 43.5+1.7 | XI. |
| 1397 | 30.11 - 03 | 0.6 - 2.6 | 851 | 1619 | 50.60 - 02 | 48.2 - 1.9 | XII. |
| 1402 | 0.44+19 | 27.0+2.2 | 850 | 1624 | 34.82+35 | 18.4+0.8 | 850 |
| 1405 | 28.99 - 05 | 9.2+0.7 | 850 | 1631 | 49.74+14 | 1.0+2.5 | 850 |

**I.** (850) -0.05 -2.4; (851) +0.05 +2.4. **II.** (849) -0.01 -1.1; (850) -0.02 —; (851) +0.02 +1.2. **III.** (849) +0.14 -0.1; (851) -0.14 +0 1. **IV.** (850) -0.02 +0.1; (851) +0.02 -0.1. **V.** (850) -0.02 -0.9; (851) +0.02 +0.9. **VI.** (849) +0.01 +1.4; (851) -0.01 -1.3. **VII.** (850) +0.02 +1.1; (858) -0.01 -1.1. **VIII.** (858) -0.13 -1.2; (883) +0.13 +1.2. **IX.** (850) +0.07 -0.4; (858) -0.06 +0.4. **X.** (858) -0.04 +0.6; (859) +0.04 -0.6. **XI.** (858) -0.02 +1.1; (859) +0.03 -1.1. **XII.** (858) -0.04 +0.1; (859) +0.05 -0.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1644 | 7.40 - 05 | 41.5 - 0.8 | I. | 1828 | 26.46+11 | 58.3+0.6 | 850 |
| 1645 | 10.34+04 | 56.8+1.9 | 859 | 1837 | 10.14+08 | 33.2 - 1.6 | 850 |
| 1651 | 47.46 - 03 | 20.2 - 2.0 | II. | 1842 | 17.87 - 08 | 33.6 - 0.5 | 850 |
| 1656 | 23.02 00 | 26.7+1.5 | 850 | 1848 | 58.95 - 04 | 32.6 - 0.9 | 850 |
| 1670 | 42.53 - 12 | 42.7 - 1.3 | 850 | 1851 | 10.99 - 05 | 58.4 - 1.7 | 850 |
| 1672 | 58.92 - 10 | 49.0+0.6 | III. | 1852 | 13.67 - 03 | 3.3 - 1.6 | 850 |
| 1681 | 6.47 00 | 5.7+3.9 | 859 | 1857 | 55.— — | 18.4 - 0.6 | 859 |
| 1683 | 34.82+01 | 18.1+3.1 | 859 | 1873 | 44.— — | 25.7+0.8 | 859 |
| 1685 | 0.38+07 | 38.2 - 2.3 | 850 | 1875 | 54.58 - 13 | 22.6 - 0.8 | 850 |
| 1716 | 1.08 - 13 | 3[illegible].3+2.6 | 859 | 1881 | 18.— — | 4.8 - 2.5 | 859 |
| 1720 | 19.45+19 | 27.6 - 3.3 | 859 | 1889 | 7.06+31 | 10.8+0.3 | 850 |
| 1722 | 29.95+09 | 43.4 - 0.2 | 859 | 1891 | 20.— — | 9.3+1.4 | 859 |
| 1728 | 0.41+13 | 34.9 - 3.7 | 850 | 1894 | 59.— — | 18.4 - 0.9 | 859 |
| 1730 | 8.61+03 | 12.7 - 0.1 | 850 | 1898 | 21.83 - 06 | 42.1 - 0.6 | 850 |
| 1733 | 39.92+19 | 11.3 - 4.2 | IV. | 1908 | 11.— — | 16.7 - 1.6 | 859 |
| 1740 | 38.39+07 | 23.5+2.1 | 850 | 1907 | 11.91+01 | 52.9 - 3.4 | 850 |
| 1744 | 55.93+04 | 53.8 - 1.3 | 858 | 1926 | 1.— — | 19.5+2.0 | 859 |
| 1749 | 9.67+09 | 47.8+1.7 | 850 | 2063 | 42.63+02 | 13.9+3.4 | 833 |
| 1753 | 50.79 - 21 | 6.8+1.7 | 850 | 2113 | 40.25 - 05 | 59.3+0.8 | 833 |
| 1765 | 32.00 - 05 | 22.8 - 1.1 | V. | 2126 | 44.83 - 10 | 49.0+1.1 | 833 |
| 1769 | 51.63 - 10 | 22.4 - 4.3 | VI. | 2166 | 51.15 - 58 | 39.9 0.0 | 833 |
| 1786 | 1.83+01 | 32.6+0.7 | VII. | 2169 | 5.39 - 62 | 58.5+3.8 | 833 |
| 1788 | 24.74 - 20 | 35.3 - 5.0 | 858 | 2171 | 20.74+43 | 37.4 - 3.1 | 833 |
| 1799 | 30.41 - 36 | 10.6 - 1.3 | VIII. | 2179 | 57.32+08 | 41.9+0.8 | 833 |
| 1801 | 39.23 00 | 32.3 - 0.7 | 859 | 2185 | 31.22 +12 | 37.0 - 0.7 | 833 |
| 1807 | 9.47+04 | 5.6 - 2.4 | 850 | 2239 | 34.04+05 | 42.5+2.3 | 833 |
| 1823 | 40.96+08 | 1.4 - 1.9 | 850 | 2308 | 28.15 - 36 | 58.3 - 0.6 | 833 |
| 1827 | 20.71 - 16 | 25.8+0.5 | 859 | 2318 | 12.03 - 18 | 14.3 - 1.5 | 833 |

**I.** (858) -0.05 -0.4; (859) +0.05 +0.4. **II.** (858) -0.04 +0.6; (859) +0.05 -0.6. **III.** (849) +0.06 +2.8; (858) -0.05 -2.3; (859) -0.01 -0.4. **IV.** (850) -0.01 -0.3; (859) +0.01 +0.4. **V.** (849) +0.07 +0.5; (858) -0.05 +0.8; (859) -0.03 -1.3. **VI.** (858) -0.05 +0.6; (859) +0.06 -0.5. **VII.** (850) -0.06 0.0; (859) +0.06 —. **VIII.** (850) +0.19 -0.1; (859) -0.18 +0.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2361 | 2.85 - 25 | 42.9+1.0 | 833 | 2721 | 30.61 - 14 | 58.2 - 1.9 | 833 |
| 2377 | 48.57 - 23 | 29.2 - 0.2 | 833 | 2731 | 3.54 - 01 | 45.5 - 2.8 | 833 |
| 2414 | 10.72 - 29 | 24.0 - 1.5 | 833 | 2734 | 18.02 - 17 | 13.4 - 1.3 | 833 |
| 2430 | 51.85+42 | 26.7+0.9 | 833 | 2756 | 33.35 - 24 | 35.9 - 1.7 | 833 |
| 2437 | 31.24 - 30 | 50.9 - 0.2 | 833 | 2759 | 46.52 - 14 | 41.5 - 3.3 | 833 |
| 2452 | 10.55 - 09 | 55.1 - 4.2 | 833 | 2766 | 16.16 - 08 | 35.6 - 0.7 | 833 |
| 2463 | 34.55 - 07 | 46.9 - 1.0 | 833 | | | | |
| 2471 | 24.81 - 04 | 56.0+0.4 | 833 | | Decl. von -9° bis -15°. | | |
| 2479 | 56.97+11 | 53.8 - 3.2 | 833 | 596 | 21.79 - 03 | 25.6+0.9 | 804 |
| 2483 | 2.82 00 | 44.2+5.4 | 833 | 601 | 48.93+10 | — — | 803 |
| 2484 | 13.82+07 | 22.9 - 0.5 | 833 | 607 | 21.37+06 | 18.7+4.7 | 804 |
| 2494 | 49.97 - 20 | 33.5 - 2.7 | 833 | 608 | 40.85+23 | 44.1 - 1.4 | 804 |
| 2499 | 21.46 - 03 | 36.0 - 0.3 | 833 | 610 | 59.22+34 | 57.3+0.5 | 803 |
| 2522 | 1.93 - 08 | 49.4 - 1.9 | 833 | 614 | 53.20+23 | 35.8+1.1 | 804 |
| 2534 | 56.11 - 15 | 20.6 - 1.6 | 833 | 629 | 37.95+33 | 58.2+4.4 | 804 |
| 2549 | 28.27 - 27 | 43.4 0.0 | 833 | 631 | 47.72+34 | 36.2+2.8 | 804 |
| 2554 | 57.88 - 55 | 10.0 - 1.7 | 833 | 645 | 5.92+04 | 32.1+5.3 | 804 |
| 2571 | 23.11 - 19 | 17.8+1.0 | 833 | 655 | 55.36+09 | 45.4+3.8 | 804 |
| 2594 | 22.68+25 | 29.1 - 0.9 | 833 | 662 | 14.47+36 | 44.0 - 1.5 | 803 |
| 2609 | 9.95 - 24 | 32.9+0.7 | 833 | 669 | 14.79 - 05 | 31.9+4.1 | 804 |
| 2635 | 58.95 - 06 | 54.8 - 1.3 | 833 | 671 | 45.73 - 02 | 29.7 - 1.8 | 804 |
| 2644 | 5.69 - 01 | 39.5 - 0.3 | 833 | 684 | 40.19 - 20 | 20.3 - 2.7 | 804 |
| 2646 | 12.28+34 | 7.8+1.1 | 833 | 709 | 29.21+50 | 59.3+0.3 | 803 |
| 2647 | 52.47 - 05 | 34.3 - 1.4 | 833 | 719 | 1.81+34 | 59.5+0.9 | 804 |
| 2656 | 7.95 - 21 | 54.6+1.6 | 833 | 727 | 6.95+03 | 26.6+2.3 | 804 |
| 2668 | 34.39+01 | 2.4+0.4 | 833 | 729 | 40.33 - 15 | 25.6+5.0 | 804 |
| 2679 | 12.60 - 19 | 18.9+0.6 | 833 | 731 | 23.27+16 | 45.8 ? | 803 |
| 2684 | 42.20+20 | 49.5+7.8 | 833 | 743 | 50.37+14 | 32.7 - 0.6 | 803 |
| 2685 | 44.62 - 11 | 57.6+2.3 | 833 | 753 | 49.82+30 | 25.7+4.6 | 804 |
| 2697 | 7.00 00 | 13.7 - 0.9 | 833 | 757 | 46.16 - 27 | 13.4 - 1.0 | 804 |
| 2701 | 29.44 - 22 | 59.5 - 0.9 | 833 | 758 | 51.20 - 21 | 49.3+4.3 | 804 |
| 2705 | 55.99+30 | 2.3 - 0.8 | 833 | 761 | 31.27 - 09 | 53.9+0.4 | 804 |

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| Nummer | AR Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 762 | 40.15+29 | 18.6+1.2 | 804 | 942 | 1.00+04 | 52.6 - 6.1 | 803 |
| 767 | 6.06+37 | 47.6+3.5 | 803 | 944 | 21.90+01 | 56.5 - 6.3 | 803 |
| 786 | 45.66+02 | 26.4+2.2 | 804 | 946 | 54.97 - 12 | 49.1 - 4.9 | 803 |
| 794 | 17.37+26 | 59.8 - 3.3 | 803 | 954 | 20.41+01 | 13.5 - 1.9 | 804 |
| 795 | 18.75 - 43 | 23.8+2.3 | 804 | 960 | 51.02 - 13 | 12.9+1.1 | 804 |
| 799 | 16.12+27 | 43.4+4.4 | 804 | 969 | 7.99+42 | 38.6 - 1.5 | 803 |
| 800 | 19.89 - 15 | 32.7 0.0 | 804 | 1104 | 6.78 - 23 | 22.6+3.7 | 820 |
| 816 | 41.88 00 | — — | 804 | 1108 | 40.09+18 | 16.1+2.4 | 820 |
| 817 | 43.87- 49 | — — | 804 | 1110 | 43.68+17 | 57.8+0.2 | 809 |
| 824 | 13.32+14 | — — | 804 | 1111 | 46.95+13 | 1.8 - 1.0 | 809 |
| 825 | 19.77 - 01 | 28.9+0.5 | 804 | 1117 | 31.85+03 | 44.8+2.9 | 820 |
| 839 | 17.98+11 | 44.9 - 3.3 | 804 | 1123 | 1.01 - 04 | 54.4+2.0 | 820 |
| 848 | 19.36+15 | 11.1 - 2.8 | I. | 1126 | 27.51+03 | 27.8 ? | 809 |
| 853 | 49.73 00 | 10.4 ? | 804 | 1127 | 57.46+33 | 21.8 - 4.9 | 809 |
| 866 | 35.69 - 12 | 42.8+3.4 | 803 | 1129 | 31.06 - 11 | 9.8+1.1 | 809 |
| 868 | 0.79 00 | 19.5 - 3.7 | 804 | 1135 | 45.61 - 08 | 36.3 - 0.1 | 820 |
| 878 | 47.06 - 08 | 21.5+0.5 | 804 | 1142 | 24.88 - 01 | 33.1+1.8 | 820 |
| 885 | 48.29 - 04 | 48.6 - 5.5 | 804 | 1145 | 34.95+27 | 46.3 - 0.9 | II. |
| 887 | 20.96 - 18 | — — | 804 | 1146 | 37.67 - 01 | 44.1+1.8 | III. |
| 894 | 55.16+13 | 14.5 - 2.6 | 804 | 1147 | 47.64+25 | 1.2 - 4.2 | 820 |
| 904 | 45.01+13 | 33.4+1.4 | 804 | 1149 | 27.60+25 | 42.5+2.7 | 821 |
| 912 | 43.58 - 19 | 55.2+4.0 | 804 | 1155 | 6.56+05 | 14.1+5.7 | IV. |
| 913 | 2.55+41 | 35.7+1.1 | 804 | 1156 | 51.88 - 13 | 30.6 - 1.1 | V. |
| 915 | 32.30 - 18 | 43.0+2.0 | 804 | 1158 | 13.75 - 07 | 5.8+0.7 | 820 |
| 920 | 37.50 - 04 | 46.7 - 2.4 | 803 | 1160 | 38.10+01 | 9.0+0.5 | 820 |
| 927 | 25.29+20 | 36.0+0.5 | 804 | 1161 | 51.15+21 | 50.4+5.6 | VI. |
| 930 | 59.54 - 01 | 10.4+0.6 | 804 | 1162 | 51.38+38 | 33.9+1.9 | VII. |
| 932 | 40.23+16 | 38.4 - 1.4 | 804 | 1164 | 6.29 - 24 | 59.0+1.8 | 820 |
| 940 | 32.73+10 | 12.8 - 0.2 | 804 | 1165 | 24.93+86 | 17.4+1.5 | VIII. |

I. (803) -0.17 +0.9; (804) +0.18 -1.0. II. (809) 0.00 -1.5; (820) 0.00 +1.4. III. (809) +0.02 -1.8; (821) -0.01 +1.8. IV. (809) 0.00+1.3; (821) 0.00 -1.3. V. (809) +0.02 0.0; (821) -0.02 -0.1. VI. (809) -0.02 +0.3; (821) +0.03 -0.4. VII. (809) +0.04 +2.8; (821) -0.04 -2.9. VIII. (809) -0.07 -0.2; (821) +0.08 +0.1.

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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1168 | 47.80 - 05 | 12.8+0.7 | 820 | 1223 | 8.05 - 87 | 40.7 - 2.0 | XI. |
| 1172 | 46.45+04 | 35.1 - 0.1 | I. | 1224 | 21.38 - 17 | 15.9 - 2.2 | 820 |
| 1173 | 58.37+10 | 53.6 - 1.7 | II. | 1227 | 16.78 - 19 | 29.0 - 2.6 | XII. |
| 1174 | 6.11+21 | 33.8 - 0.1 | III. | 1230 | 35.53 - 30 | 11.1 - 5.8 | 820 |
| 1175 | 22.62 - 13 | 30.6+1.7 | 821 | 1231 | 2.70 - 04 | 9.3 - 1.3 | 809 |
| 1178 | 30.28 - 26 | 37.5+1.3 | 820 | 1233 | 45.40 - 35 | 52.2 - 7.0 | 820 |
| 1179 | 33.41+10 | 29.1+0.3 | IV. | 1238 | 52.65 - 02 | 45.5 - 1.3 | 809 |
| 1180 | 40.97+04 | 7.6+0.7 | V. | 1239 | 8.79 - 04 | 6.6 - 3.7 | 821 |
| 1185 | 18.98+07 | 34.7+0.9 | VI. | 1240 | 22.29 - 05 | 10.0 - 4.2 | XIII. |
| 1186 | 28.78+18 | 22.3+1.7 | 820 | 1247 | 20.15+95 | 48.6 - 3.9 | XIV. |
| 1187 | 29.15+06 | 24.3+0.7 | 820 | 1248 | 40.70+34 | 13.5 - 3.7 | 809 |
| 1188 | 58.60+16 | 1.9+0.1 | VII. | 1255 | 33.40+21 | 45.4 - 0.6 | 809 |
| 1189 | 24.27 - 08 | 37.1+3.3 | VIII. | 1256 | 22.21+14 | — — | 809 |
| 1193 | 59.31 - 33 | 27.0+1.7 | IX. | 1258 | 30.02+05 | 21.3 - 3.8 | 820 |
| 1197 | 16.71+02 | 43.8+0.9 | 809 | 1259 | 46.32 - 08 | 16.7 - 1.9 | XV. |
| 1198 | 58.68+09 | 59.3+5.4 | 820 | 1261 | 5.41 - 03 | 33.2 - 2.8 | XVI. |
| 1204 | 54.42+14 | 27.6+0.6 | 820 | 1265 | 42.10 - 02 | 56.1 - 4.5 | 820 |
| 1205 | 27.76 - 05 | 26.6+0.3 | 821 | 1266 | 51.53 - 08 | 45.8 - 0.3 | XVII. |
| 1206 | 36.85+15 | 42.4 - 2.7 | 820 | 1268 | 11.59 00 | 20.3 - 2.2 | 821 |
| 1207 | 37.66+04 | 21.3 - 2.5 | 820 | 1270 | 40.02+13 | 27.7+1.8 | 809 |
| 1211 | 33.10 - 19 | 49.8+0.3 | 809 | 1274 | 2.61+07 | 11.7 - 1.9 | 821 |
| 1213 | 38.63 - 10 | 56.4 - 2.3 | 820 | 1275 | 35.90+39 | 25.3 - 2.6 | 820 |
| 1214 | 46.17 - 09 | 0.4 - 9.1 | 821 | 1278 | 54.43+05 | 42.6+0.6 | 821 |
| 1217 | 34.81+07 | 13.8 - 0.2 | X. | 1279 | 40.65 - 03 | 48.1+0.9 | 821 |

I. (809) 0.00 +1.3; (820) +0.01 -1.3. II. (809) -0.01 -0.2; (820) +0.01 +0.2 III. (809) +0.01 +0.8; (820) 0.00 -0.8. IV. (809) -0.06 -0.9; (820) +0.01 +1.7; (821) +0.05 -0.7. V. (820) 0.00 +0.2; (821) 0.00 -0.3. VI. (809) -0.07 +1.9; (821) +0.08 -1.9. VII. (809) -0.02 0.0; (821) +0.03 0.0. VIII. (809) -0.07 +0.9; (821) +0.08 -1.0. IX. (809) -0.07 +0.9; (820) +0.07 -1.0. X. (809) +0.01 +0.7; (821) 0.00 -0.7. XI. (809) -0.03 +0.2; (821) +0.04 -0.3. XII. (809) -0.02 +2.2; (821) +0.02 -2.3. XIII. (809) +0.02 +0.8; (820) -0.02 -0.8. XIV. (809) +0.16 —; (821) -0.16 0.0. XV. (809) 0.00 +0.9; (820) -0.02 +0.2; (821) +0.03 -1.1. XVI. (809) -0.05 0.0; (821) +0.05 0.0. XVII. (809) -0.02 -0.9; (821) +0.03 +0.9.



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| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1284 | 59.29 - 28 | 35.6 - 5.5 | 820 | 1429 | 25.31+01 | 21.1 - 0.6 | 867 |
| 1287 | 4.86 - 05 | 43.2 - 7.7 | I. | 1431 | 41.04+10 | 32.9 - 14.4 | 867 |
| 1288 | 8.19 - 14 | 5.2 - 2.3 | 821 | 1436 | 22.44+23 | 16.7+2.6 | 867 |
| 1291 | 22.07 - 09 | 54.5 - 5.4 | 821 | 1445 | 28.43 - 05 | 52.1 - 4.0 | 867 |
| 1292 | 35.86+21 | 12.7 - 3.6 | 821 | 1538 | 36.03+14 | 45.4 - 2.3 | 868 |
| 1294 | 12.04+1.85 | — — | 867 | 1539 | 42.39+13 | 23.3 - 3.7 | 868 |
| 1299 | 35.88 - 14 | 4.6 - 3.4 | 821 | 1553 | 37.57+04 | 55.0 - 2.3 | 868 |
| 1303 | 8.44 - 14 | 40.0 - 3.3 | 821 | 1581 | 59.09+23 | 59.2 - 6.2 | 868 |
| 1309 | 32.58 - 11 | 13.6+3.6 | 821 | 1596 | 2.14 - 35 | 36.8+8.6 | 868 |
| 1310 | 57.92 - 04 | 20.7 - 6.4 | 821 | 1603 | 28.00 - 31 | 7.2 - 3.8 | 868 |
| 1311 | 14.24 - 15 | 51.1 - 9.0 | 820 | 1604 | 29.74 - 19 | 44.2 - 3.4 | 868 |
| 1313 | 9.57+16 | 16.9 - 9.4 | 821 | 1610 | 20.20+07 | 54.2 - 1.6 | 868 |
| 1316 | 47.86 - 38 | 21.0 - 8.7 | 820 | 1613 | 7.68 - 02 | 53.9+2.6 | 868 |
| 1317 | 2.42+01 | 41.4 - 2.9 | 821 | 1617 | 51.63+13 | 32.6 - 0.3 | 868 |
| 1318 | 25.00+15 | 39.0 - 0.6 | 821 | 1621 | 34.39 - 26 | 18.0+0.1 | 868 |
| 1324 | 41.96 - 36 | 58.4 - 3.8 | 821 | 1626 | 36.98 - 25 | 51.3 - 0.9 | 868 |
| 1327 | 26.44+31 | 34.9+3.3 | 867 | 1638 | 41.81+50 | — — | 868 |
| 1335 | 4.39 - 01 | 21.8 - 2.8 | 821 | 1648 | 28.38+16 | 10.5+2.1 | 868 |
| 1337 | 52.44+1.77 | 56.5 - 5.2 | 821 | 1649 | 35.02+07 | 23.5+1.3 | 868 |
| 1343 | 56.09 - 10 | 1.8 - 4.9 | 821 | 1679 | 39.35 - 04 | 13.0 - 5.6 | 868 |
| 1344 | 34.04 - 08 | 47.5 - 4.3 | 821 | 1683 | 14.48+12 | 32.5 - 2.3 | 868 |
| 1350 | 39.58 - 27 | 51.1 - 3.3 | 821 | 1690 | 25.75+28 | 51.8 - 0.1 | 868 |
| 1351 | 0.— — | 35.1+1.0 | 867 | 1695 | 30.79 - 15 | 50.4+1.1 | 868 |
| 1358 | 23.24 - 07 | 1.3 - 2.8 | 821 | 1714 | 33.95 - 08 | 18.4+1.2 | 868 |
| 1365 | 27.34+35 | 26.9 - 5.3 | 821 | 1723 | 55.62+07 | 51.1+1.0 | 868 |
| 1373 | 1.16 - 07 | 28.5 - 4.5 | 821 | 1725 | 47.79+09 | 59.8 - 0.9 | 868 |
| 1385 | 24.38+01 | 49.5 - 1.1 | 821 | 1729 | 15.19+17 | 40.9+0.1 | 868 |
| 1386 | 26.59 - 31 | 26.7 - 4.1 | 821 | 1733 | 45.61+22 | 22.6+1.1 | 868 |
| 1405 | 3.90+29 | — — | 867 | 1740 | 21.10 - 18 | 20.7+1.7 | 868 |
| 1421 | 41.27+14 | 23.9 - 1.0 | 867 | 1745 | 56.75 - 03 | — — | 868 |

I. (820) +0.05 —; (821) -0.05 0.0.

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-9° -15°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 1753 | 39″68+30 | 6″.0+0″.4 | 868 | 2362 | 17″.43 - 04 | 22″.4+0″.5 | 870 |
| 1757 | 7.37+11 | 40.3+0.2 | 868 | 2368 | 49.92 - 01 | 46.5+7.1 | 870 |
| 1766 | 49.94+13 | 49.4+0.2 | 868 | 2385 | 26.78 - 15 | 26.8+1.7 | 871 |
| 1773 | 34.55+25 | 52.2 0.0 | 868 | 2396 | 20.18 - 18 | 58.8+0.9 | 871 |
| 1786 | 33.69+01 | 55.3 - 0.8 | 868 | 2412 | 21.26 - 07 | — — | 869 |
| 1793 | 10.19+09 | 19.2+1.5 | 868 | 2420 | 6.55 - 02 | 40.3+1.8 | I. |
| 1801 | 4.05 - 02 | 10.8 - 0.5 | 868 | 2426 | 44.64+02 | 33.9+1.5 | 869 |
| 1804 | 46.92 - 14 | 24.5+0.5 | 868 | 2437 | 18.07+06 | 9.4+1.4 | 869 |
| 1806 | 18.40 - 61 | — — | 868 | 2441 | 42.15+02 | 21.8+0.5 | 870 |
| 1810 | 33.02 - 04 | 13.5+2.1 | 868 | 2443 | 59.80 - 14 | — — | 869 |
| 1815 | 23.69+09 | 56.7 - 0.6 | 868 | 2446 | 17.96 - 17 | 2.8 - 3.1 | 869 |
| 1819 | 14.99 00 | 11.5 - 1.1 | 868 | 2467 | 36.82+07 | 4.5+2.8 | II. |
| 1824 | 25.24+13 | 13.2+4.3 | 868 | 2481 | 3.41+15 | 28.1 - 0.1 | III. |
| 1827 | 15.56+01 | 27.4+0.3 | 868 | 2486 | 42.77+09 | 54.3 - 1.0 | 870 |
| 1835 | 48.79 - 21 | 27.7+11.6 | 868 | 2487 | 50.29+24 | 39.8+1.1 | IV. |
| 1840 | 38.89 - 11 | 7.4 - 1.2 | 868 | 2489 | 10.62+03 | 52.3+7.0 | 828 |
| 2292 | 56.32+12 | 50.1 - 0.2 | 869 | 2492 | 24.23 - 05 | 29.7 - 1.4 | 870 |
| 2310 | 58.91+10 | 52.0 - 2.8 | 869 | 2494 | 38.25+39 | 3.8+2.7 | 871 |
| 2312 | 37.01 - 30 | — — | 869 | 2498 | 21.95 - 02 | 29.8+1.6 | 829 |
| 2317 | 22.62+16 | — — | 869 | 2499 | 23.00 - 26 | 23.2 - 6.9 | 870 |
| 2319 | 25.09+15 | 43.0 - 0.5 | 869 | 2501 | 43.25 - 17 | 14.1+7.7 | 828 |
| 2323 | 32.26+06 | 23.0 - 3.6 | 869 | 2505 | 9.09 - 59 | 29.8+13.6 | 828 |
| 2327 | 8.95+21 | 57.1 - 0.9 | 869 | 2508 | 33.38+06 | 37.2+1.7 | V. |
| 2335 | 36.04+14 | 32.5+1.0 | 869 | 2511 | 47.69 - 22 | 33.8 - 4.5 | 829 |
| 2337 | 44.16 - 14 | 18.9+3.8 | 869 | 2515 | 26.80 - 06 | 47.6+0.1 | 829 |
| 2340 | 27.42 - 25 | 35.5+3.2 | 869 | 2517 | 10.71 - 60 | 57.2+3.6 | 829 |
| 2345 | 8.65 - 02 | 18.4 - 1.8 | 870 | 2521 | 38.59 - 10 | 26.9+4.5 | 828 |
| 2346 | 19.39+08 | 40.8+2.7 | 869 | 2525 | 59.23+20 | 56.9 - 3.4 | 870 |
| 2349 | 42.43 00 | 38.6 - 2.6 | 869 | 2532 | 55.74 - 09 | 12.0+1.1 | 870 |

I. (869) +0.08 —; (870) -0.08 0.0. II. (828) +0.02 -1.2; (870) -0.02 +1.1.
III. (829) +0.14 -1.1; (871) -0.13 +1.1. IV. (829) +0.11 -1.2; (871) -0.10 +1.1.
V. (828) 0.00 —; (870) 0.00 0.0.

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-9° -15°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| 2533 | 56.39 - 02 | 49.7+1.7 | 829 | 2646 | 16.06 - 07 | 52.6+1.3 | VIII. |
| 2535 | 4.27 - 06 | 11.4+4.5 | 828 | 2648 | 23.76 - 13 | 19.0 ? | IX. |
| 2538 | 25.35+01 | 30.4+3.8 | 829 | 2650 | 47.83+20 | 51.6+6.1 | 828 |
| 2542 | 55.20 - 48 | 0.7+2.2 | 829 | 2651 | 53.20 - 03 | 6.5+4.6 | 828 |
| 2546 | 8.88+01 | 25.7+0.7 | I. | 2659 | 12.93 — | 24.9+3.7 | 829 |
| 2550 | 43.36 - 09 | 40.7+2.7 | II. | 2663 | 15.76+03 | 39.0 - 2.1 | 828 |
| 2552 | 50.30 - 10 | 13.2 - 1.6 | 870 | 2667 | 42.91 - 03 | 34.3+0.4 | X. |
| 2559 | 26.30 - 06 | 51.5 - 0.7 | III. | 2668 | 56.48 — | 19.0 - 0.4 | 829 |
| 2563 | 53.92+04 | 24.1+2.5 | IV. | 2669 | 56.81 - 39 | — — | 870 |
| 2564 | 55.27 - 37 | 23.9+0.8 | 828 | 2671 | 4.88+19 | 23.6+6.7 | 828 |
| 2569 | 39.04 - 77 | 51.3+2.7 | 828 | 2674 | 38.70 - 14 | 24.3 - 3.4 | 828 |
| 2572 | 47.19 00 | 10.6+0.7 | V. | 2676 | 5.80 - 08 | 26.3+0.7 | XI. |
| 2574 | 54.09 00 | 47.2+4.3 | 828 | 2687 | 45.79 - 12 | 4.3 - 0.4 | 871 |
| 2576 | 57.66+18 | 52.0+1.1 | 829 | 2688 | 51.07 - 07 | 52.2 - 3.8 | 829 |
| 2579 | 35.36 - 22 | 33.1+0.9 | 829 | 2689 | 58.80+12 | 5.5 0.0 | XII. |
| 2587 | 4.85 - 06 | 50.2+3.6 | 828 | 2692 | 17.42 - 29 | 25.0 - 0.9 | 828 |
| 2593 | 37.14+01 | 56.5+1.4 | 870 | 2695 | 54.06 - 11 | 33.7 - 2.1 | 871 |
| 2597 | 13.92 - 09 | 25.3+0.2 | 829 | 2700 | 11.26 - 02 | 59.5 - 0.8 | XIII. |
| 2600 | 27.57 - 20 | 49.7 ? | 829 | 2703 | 41.81 - 32 | 34.7 0.0 | 870 |
| 2602 | 2.94 - 15 | 36.1 - 3.2 | 870 | 2704 | 57.07 - 09 | 31.0 - 1.2 | XIV. |
| 2610 | 19.88 - 08 | 32.1+3.0 | VI. | 2716 | 19.77 - 18 | 52.3+0.8 | 870 |
| 2611 | 20.86+03 | — — | 828 | 2725 | 36.34+03 | 28.9+1.5 | 828 |
| 2616 | 5.77+16 | 49.9 - 3.1 | 828 | 2731 | 52.35 - 24 | 45.8+2.0 | 828 |
| 2620 | 56.31 - 13 | 6.6+8.3 | 829 | 2734 | 6.98+05 | 39.1+0.3 | 828 |
| 2625 | 47.28 - 17 | 3.9 - 2.5 | 828 | 2738 | 32.28 - 15 | 58.9+1.6 | 828 |
| 2640 | 17.91+11 | 39.7+0.7 | VII. | 2739 | 33.30 - 22 | 14.9+3.3 | 829 |

I. (828) -0.06 -2.6; (870) +0.07 +2.5. II. (829) 0.00 0.0; (871) +0.01 —. III. (829) -0.08 0.0; (871) +0.09 —. IV. (829) -0.02 +0.7; (871) +0.03 -0.7. V. (829) +0.03 -3.3; (870) -0.03 +3.2. VI. (829) +0.04 -0.6; (870) -0.03 +0.5. VII. (828) -0.02 +0.8; (829) +0.03 -0.9. VIII. (828) +0.03 -0.8; (829) +0.02 —; (870) -0.05 +0.7. IX. (829) -0.12 -1.7; (871) +0.12 +1.7. X. (829) -0.08 -1.2; (871) +0.09 +1.2. XI. (829) -0.05 -0.5; (870) -0.01 +0.3; (871) +0.06 +0.2; XII. (828) 0.00 —; (870) +0.01 0.0. XIII. (828) -0.04 —; (829) +0.04 0.0. XIV. (828) 0.00 —; (870) +0.01 0.0.

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-9° -15°

| Nummer | AR. Diff. | Decl. Diff. | Bemerk. | Nummer | AR. Diff. | Decl. Diff. | Bemerk. |
|---|---|---|---|---|---|---|---|
| | ″ | ″ ″ | | | ″ | ″ ″ | |
| 2748 | 46.72 - 03 | 1.7 - 1.5 | I. | 2883 | 55.25+12 | 23.0+4.9 | 829 |
| 2755 | 33.27 - 14 | 28.5 - 0.8 | 828 | 2888 | 45.99 - 18 | 17.6 - 0.6 | 828 |
| 2756 | 40.90+09 | 53.9+3.9 | 828 | 2896 | 19.93+13 | 12.1 - 0.2 | 829 |
| 2760 | 6.72 - 19 | 54.0+0.4 | II. | 2897 | 37.62 00 | 56.3 - 2.3 | 828 |
| 2762 | 26.03 - 10 | 12.0+1.8 | 828 | 2902 | 15.14+11 | 24.9+2.4 | 829 |
| 2770 | 48.92+04 | 39.0 - 1.3 | III. | 2907 | 40.20 00 | 39.8 - 6.3 | 828 |
| 2775 | 32.24 00 | 30.4+1.4 | 828 | 2915 | 32.44 - 18 | 44.1 - 0.7 | 828 |
| 2776 | 36.89 00 | 20.7 - 2.2 | 829 | 2921 | 28.06+04 | 49.7 - 4.0 | 829 |
| 2797 | 28.27+04 | 16.9 - 2.4 | 829 | 2922 | 33.72+07 | 20.6 - 4.9 | 829 |
| 2810 | 45.16+30 | 50.2+1.2 | 829 | 2929 | 36.20+07 | 4.1 - 3.6 | 829 |
| 2813 | 10.86+02 | 25.1+1.0 | IV. | 2937 | 28.28 - 01 | 40.4+5.1 | 829 |
| 2817 | 31.11+01 | 44.5 - 0.2 | 828 | 2938 | 28.94+09 | 21.6 - 2.2 | 829 |
| 2821 | 43.03 - 05 | 19.3 - 0.6 | V. | 2940 | 31.65+09 | 4.4 - 1.2 | 828 |
| 2826 | 16.81 - 23 | — — | 828 | 2943 | 1.22 - 10 | 32.0 - 5.3 | 829 |
| 2834 | 45.15+09 | 12.0 - 1.4 | 871 | 2945 | 7.74+13 | 53.1+0.7 | 828 |
| 2837 | 56.98 - 17 | 57.3+2.8 | 828 | 2946 | 28.86+04 | 24.8 - 0.5 | 829 |
| 2844 | 40.73+06 | 40.2+1.2 | 829 | 2955 | 36.50+13 | 25.7+1.3 | 828 |
| 2846 | 20.89+04 | 57.5 - 2.8 | 829 | 2967 | 54.83+01 | 47.0 - 6.0 | 829 |
| 2852 | 50.00 - 02 | 23.9 - 6.5 | 828 | 2968 | 5.72 - 09 | 24.9+7.8 | 828 |
| 2853 | 59.83+11 | 10.1+0.8 | 829 | 2973 | 35.78 - 22 | 32.6+11.3 | 828 |
| 2854 | 0.48 - 13 | 16.1+0.7 | 829 | 2974 | 37.60+04 | 35.1 - 2.1 | 828 |
| 2861 | 23.50+10 | 22.7+2.7 | 871 | 2976 | 48.05 - 04 | 11.2 - 3.9 | 829 |
| 2869 | 30.87+06 | 4.1 - 2.4 | 828 | 2981 | 8.09 - 04 | 47.3 - 2.8 | 829 |
| 2871 | 45.33 - 07 | 10.0 - 1.3 | 828 | 2989 | 46.96+09 | 16.6 - 2.4 | 828 |
| 2873 | 7.06+03 | 32.3 - 3.0 | 829 | 2994 | 38.81+01 | 32.3 0.0 | 829 |
| 2876 | 25.83+05 | 52.9 - 2.0 | 829 | 3001 | 15.98 - 21 | 33.1 - 2.8 | 829 |
| 2882 | 53.39+14 | 13.1 - 0.5 | 828 | 3012 | 52.80+08 | 3.6 - 0.9 | 829 |

I. (829) -0.15 0.0; (871) +0.15 —. II. (829) -0.08 -1.5; (871) +0.08 +1.5. III. (829) -0.06 -1.3; (871) +0.06 +1.3. IV. (829) -0.10 +0.5; (871) +0.11 -0.6. V. (829) -0.04 -0.6; (871) +0.04 +0.6.

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# Vergleichung

der in den

## vorhergehenden Stern-Verzeichnissen gegebenen Positionen

mit den

## Bestimmungen von Lalande (Ll.), Bessel (B.), Rümker (R.) und Schjellerup (S.)

(Die hier gegebenen Zahlen müssen zu den Positionen des Sternverzeichnisses hinzugefügt werden, um die Positionen von Lalande, Bessel, Rümker und Schjellerup zu erhalten.)

+15° +21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| | | +15° bis +21° | | 29 | B. | +0.35 | +0.5 | 52 | R. | -0.48 | +0.8 |
| | | | | | R. | -0.49 | +2.7 | 56 | B. | +0.43 | +2.1 |
| 2 | B. | -0.24 | -0.6 | 30 | B. | -0.31 | +0.1 | | R. | -0.17 | -2.8 |
| 6 | Ll. | -0.34 | -0.1 | 32 | Ll. | -0.19 | +9.1 | 57 | B. | +0.03 | -1.4 |
| | B. | -0.53 | +1.7 | | B. | -0.07 | +2.9 | | R. | -0.37 | -1.1 |
| 7 | Ll. | -0.52 | -5.3 | | R. | -0.07 | 0.0 | 58 | Ll. | +0.98 | +1.1 |
| | B. | -0.44 | -3.8 | 34 | B. | -0.21 | -2.4 | | R. | +0.84 | +1.3 |
| 8 | B. | -0.40 | -3.0 | | R. | -0.08 | -1.4 | 60 | Ll. | -0.36 | -0.9 |
| 11 | B. | 0.00 | -2.4 | 35 | B. | +0.54 | +2.3 | 62 | Ll. | -0.83 | -0.8 |
| 12 | B. | -0.17 | -2.4 | 38 | Ll. | -2.29 | +9.2 | | R. | -0.28 | -2.0 |
| 13 | R. | -0.22 | +3.1 | | R. | -2.22 | +0.9 | 63 | Ll. | -0.38 | +5.5 |
| 14 | R. | -0.22 | +1.9 | 40 | B. | -0.08 | -3.7 | 68 | B. | -0.25 | +0.2 |
| 15 | Ll. | -0.63 | -0.8 | 45 | Ll. | -0.63 | +6.5 | 71 | Ll. | -1.07 | -1.9 |
| | B. | +0.07 | -5.3 | 47 | B. | -0.06 | -5.6 | | B. | -0.19 | -4.6 |
| 16 | B. | +0.33 | -8.0 | 48 | Ll. | -0.32 | +13.3 | 72 | Ll. | +0.30 | +9.6 |
| 17 | B. | +0.27 | +2.8 | | B. | +0.02 | 0.0 | | B. | +0.43 | -1.1 |
| 20 | R. | -0.20 | +3.7 | 49 | Ll. | +0.27 | +3.3 | | R. | -0.52 | +9.9 |
| 22 | Ll. | -0.30 | +3.5 | | B. | +0.45 | -7.1 | 79 | Ll. | -0.08 | +7.7 |
| | B. | -0.08 | -0.8 | | R. | -0.56 | +4.8 | | B. | +0.56 | -4.8 |
| | R. | -0.15 | +5.2 | 51 | Ll. | -0.02 | +3.9 | | R. | -0.13 | +1.0 |

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+15° +21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | Ll. | +0.06 | +4.8 | 116 | R. | -0.44 | +2.5 | 150 | Ll. | +0.81 | +2.9 |
| | B. | +0.70 | -3.4 | 117 | B. | +0.32 | -1.3 | 151 | Ll. | -0.45 | -1.2 |
| 81 | B. | -0.14 | -3.2 | | R. | +1.03 | -1.7 | 153 | Ll. | -0.28 | -0.2 |
| 82 | B. | +0.07 | -5.7 | 119 | Ll. | +0.79 | -3.0 | 155 | B. | +0.71 | -4.2 |
| 87 | Ll. | -0.84 | +8.0 | 120 | Ll. | -2.38 | -1.9 | 157 | Ll. | -0.60 | +6.4 |
| | R. | -0.35 | +1.0 | | B. | +0.21 | -3.2 | 158 | Ll. | -1.10 | +2.6 |
| 88 | B. | -0.03 | +0.7 | 122 | B. | -0.73 | -3.4 | | B. | +0.38 | -3.2 |
| | R. | -0.13 | +1.5 | 123 | B. | +0.22 | -5.2 | 159 | Ll. | -0.05 | +1.0 |
| 89 | B. | -0.49 | -3.0 | 126 | Ll. | -0.08 | +1.1 | | B. | +0.12 | +0.5 |
| 90 | Ll. | +0.08 | +2.6 | | R. | -0.09 | -0.6 | 160 | Ll. | -0.73 | -1.6 |
| | B. | -0.02 | -3.6 | 129 | B | -0.01 | -5.1 | | B. | -0.03 | -5.9 |
| | R. | -0.23 | +4.3 | 130 | B. | -0.43 | -2.4 | 162 | Ll. | -0.58 | +3.4 |
| 93 | Ll. | -0.14 | +14.0 | 131 | B. | -0.10 | -4.2 | | B. | +0.26 | +4.6 |
| | B. | -0.27 | -2.2 | 133 | R. | -0.69 | -3.1 | | R. | -0.27 | +2.2 |
| | R. | -0.46 | +1.2 | 134 | B. | +0.25 | -3.3 | 163 | B. | +0.22 | -26.4 |
| 94 | Ll. | -0.46 | +7.5 | | R. | -0.18 | +1.7 | 164 | B. | -0.46 | -9.6 |
| | B. | -1.15 | +2.4 | 135 | B. | -0.20 | +8.7 | 166 | Ll. | -0.22 | -2.3 |
| 95 | B. | +0.19 | -2.6 | 137 | Ll. | +0.12 | +6.4 | | R. | -0.06 | +2.6 |
| 96 | Ll. | -0.26 | +13.5 | | B. | +0.77 | +0.5 | 169 | Ll. | +0.24 | +4.4 |
| | B. | +0.37 | +1.3 | | R. | +0.60 | -0.1 | | R. | -0.42 | +6.4 |
| 97 | B. | -0.02 | -2.5 | 140 | Ll. | -0.89 | +2.6 | 176 | B. | -0.14 | +6.8 |
| | R. | -0.29 | -2.1 | | B. | -0.51 | +2.7 | 178 | B. | +0.74 | +6.2 |
| 98 | R. | -0.59 | -18.3 | | R. | -0.81 | +3.3 | 183 | Ll. | -0.38 | +18.6 |
| 99 | B. | +0.03 | +5.9 | 141 | Ll. | -1.22 | -1.7 | | B. | -0.11 | -0.9 |
| | R. | -0.23 | +2.9 | | B. | -0.46 | -8.4 | 184 | Ll. | -0.13 | -4.5 |
| 100 | R. | +3.79 | +1.8 | 142 | B. | -0.09 | -1.9 | | B. | +1.35 | +1.8 |
| 102 | R. | -0.34 | +2.0 | 143 | B. | -0.12 | -3.5 | | R. | -0.12 | -3.4 |
| 106 | B. | +0.13 | -3.3 | 144 | Ll. | -0.39 | -2.5 | 187 | B. | -0.21 | -6.4 |
| 110 | B. | -0.09 | -6.4 | | B. | -0.59 | -7.3 | | R. | -0.01 | -2.1 |
| 114 | R. | +0.71 | -0.5 | 148 | Ll. | -0.88 | +3.9 | 188 | Ll. | -0.10 | +4.0 |
| 116 | B. | -0.76 | +0.5 | 149 | B. | +3.17 | +5.0 | | B. | +0.22 | +6.8 |

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+15°

+21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 188 | R. | -0.21 | -0.2 | 225 | B. | -0.58 | +4.0 | 275 | Ll. | -1.00 | +5.5 |
| 189 | B. | +0.22 | -0.8 | 226 | B. | +0.71 | -0.1 | | B. | -0.10 | -4.9 |
| | R. | +0.27 | — | | R. | +0.23 | +2.8 | 279 | R. | -0.59 | -3.3 |
| 190 | B. | +0.65 | -3.3 | 230 | R. | -0.10 | -2.8 | 282 | Ll. | +0.87 | +0.2 |
| 191 | B. | +0.03 | +7.8 | 235 | B. | +0.13 | -4.2 | | B. | +0.95 | -4.5 |
| | R. | -0.22 | +3.4 | | R. | -0.55 | +0.3 | | R. | +0.84 | -2.6 |
| 194 | Ll. | -1.01 | +0.1 | 237 | Ll. | -1.12 | -0.3 | 283 | Ll. | -0.32 | +0.2 |
| 196 | B. | +0.06 | -0.1 | | R. | -0.85 | +0.6 | | B. | 0.00 | -3.4 |
| 199 | Ll. | -0.71 | +34.1 | 239 | R. | -0.76 | -1.9 | | R. | -0.30 | -4.3 |
| | B. | -0.31 | -3.6 | 244 | Ll. | -1.32 | -2.1 | 287 | Ll. | -0.11 | +3.5 |
| 200 | B. | +0.19 | -4.0 | | B. | -1.13 | +2.7 | 289 | B. | -0.13 | -4.3 |
| | R. | -0.12 | +3.0 | | R. | -1.57 | -1.8 | | R. | -0.19 | -0.6 |
| 201 | Ll. | -0.59 | +5.7 | 245 | R. | -0.63 | -1.0 | 294 | B. | +0.21 | -5.1 |
| | B. | -0.21 | -4.3 | 250 | B. | -1.65 | -4.4 | | R. | +0.25 | +0.7 |
| 204 | B. | +0.40 | -4.7 | 251 | B. | -0.08 | +1.8 | 295 | R. | -0.23 | +3.5 |
| | R. | -1.65 | — | 253 | Ll. | -0.70 | +8.5 | 306 | R. | +0.04 | +0.2 |
| 207 | Ll. | -0.07 | +11.3 | | B. | +0.13 | -2.2 | 309 | Ll. | -0.58 | +1.3 |
| | B. | +0.29 | +1.7 | | R. | -0.25 | 0.0 | | B. | -0.39 | -5.0 |
| 208 | B. | +0.26 | +1.8 | 255 | B. | -0.16 | +26.0 | | R. | -0.34 | -0.8 |
| 210 | Ll. | -0.98 | +6.8 | 258 | B. | -0.13 | 0.0 | 311 | Ll. | -0.33 | +1.3 |
| | R. | -1.16 | +1.6 | 259 | Ll. | -0.73 | +6.9 | | R. | -0.47 | -1.9 |
| 211 | R. | -0.45 | +2.9 | | R. | -0.20 | +0.7 | 312 | B. | -0.67 | +7.3 |
| 213 | B. | -0.01 | +8.3 | 261 | Ll. | -0.59 | +4.6 | | R. | -0.73 | +4.4 |
| | R. | -0.19 | +2.5 | 263 | R. | -0.25 | +1.9 | 314 | Ll. | -0.46 | +6.5 |
| 219 | R. | -0.56 | +8.1 | 265 | Ll. | -0.97 | +4.1 | 315 | R. | +0.29 | +3.4 |
| 221 | Ll | -0.28 | +2.9 | | R. | -0.16 | -0.8 | 317 | Ll. | -0.91 | -2.3 |
| | B. | -0.18 | +1.5 | 266 | B. | -0.05 | -1.7 | | B. | -0.29 | +3.0 |
| 222 | B. | +0.43 | +7.4 | 268 | B. | -1.12 | -0.6 | | R. | -0.52 | -2.6 |
| | R. | +0.10 | -0.3 | 270 | Ll. | -0.57 | +11.7 | 319 | B. | -0.26 | -4.1 |
| 223 | Ll. | -0.67 | +46.1 | 271 | B. | -0.16 | +6.2 | | R. | -0.22 | -3.1 |
| | B. | -0.08 | +2.2 | | R. | -0.10 | -3.8 | 324 | B. | -0.01 | -4.3 |

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+15°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 326 | B. | +0.40 | -2.1 |
| 328 | Ll. | -0.11 | +2.0 |
| | B. | +0.15 | -0.3 |
| 331 | B. | +0.39 | +6.9 |
| 333 | B. | +0.05 | +4.9 |
| 335 | B. | +0.31 | -3.9 |
| 337 | Ll. | -0.43 | +11.8 |
| 338 | B. | -0.16 | -3.3 |
| 344 | B. | +0.18 | -1.4 |
| 346 | B. | +0.46 | +2.9 |
| 351 | Ll. | +1.07 | -3.9 |
| 357 | B. | +10.05 | +3.6 |
| 360 | B. | +0.07 | +9.4 |
| 364 | B. | -0.02 | +44.6 |
| 366 | B. | -0.20 | -0.8 |
| 367 | B. | +0.15 | +8.5 |
| 368 | Ll. | +4.56 | +3.6 |
| 371 | Ll. | +0.19 | +3.3 |
| | B. | +0.53 | +10.8 |
| 372 | B. | -0.31 | +1.3 |
| 373 | Ll. | -0.41 | +4.0 |
| | B. | -0.18 | +1.3 |
| 381 | B. | -0.19 | -0.3 |
| 382 | Ll. | +0.01 | +6.5 |
| | B. | -0.20 | -1.2 |
| | R. | +0.25 | +0.4 |
| 387 | Ll. | -0.04 | -1.4 |
| | B. | -0.53 | -0.3 |
| 388 | B. | +0.27 | -1.9 |
| 389 | R. | -0.08 | +0.7 |
| 390 | B. | -0.45 | -2.7 |

+21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 391 | B. | -0.18 | +4.5 |
| 394 | B. | +0.05 | -2.2 |
| 395 | Ll. | -0.23 | +1.9 |
| | B. | -0.28 | -5.1 |
| 398 | B. | +0.11 | +3.5 |
| 400 | B. | +0.45 | +8.7 |
| 404 | B. | +0.01 | -3.8 |
| 406 | Ll. | -0.31 | +8.5 |
| | B. | +0.18 | -0.4 |
| 408 | Ll. | -0.31 | +0.6 |
| | B. | +0.27 | +2.0 |
| | R. | -0.06 | +0.3 |
| 409 | B. | +0.15 | -5.2 |
| 413 | Ll. | -0.19 | +6.5 |
| | B. | +0.34 | +4.3 |
| | R. | -0.55 | +1.7 |
| 414 | Ll. | +0.42 | +32.6 |
| 415 | B. | -0.22 | +6.9 |
| 416 | B. | -0.19 | -1.4 |
| 421 | B. | -0.40 | -2.3 |
| | R. | -0.34 | -0.9 |
| 424 | B. | +0.02 | -5.3 |
| | R. | -0.33 | +2.1 |
| 425 | B. | -0.12 | -2.5 |
| 427 | B. | -0.16 | -3.4 |
| | R. | -0.40 | -1.8 |
| 428 | R. | -0.16 | -1.8 |
| 429 | Ll. | -0.07 | +3.1 |
| | B. | -0.22 | -4.1 |
| 430 | B. | -0.06 | -2.2 |
| 434 | B. | +0.18 | +2.0 |

| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 436 | R. | -0.22 | +1.9 |
| 437 | Ll. | 0.00 | +7.0 |
| | B. | +0.30 | -2.1 |
| 439 | B. | -0.23 | -2.2 |
| | R. | -0.01 | +0.2 |
| 441 | Ll. | -0.45 | -3.4 |
| | B. | +0.01 | +2.7 |
| | B. | -0.20 | +4.4 |
| 444 | B. | -0.52 | -3.8 |
| 446 | B. | -0.53 | -4.6 |
| | R. | -0.59 | -2.9 |
| 448 | B. | +0.50 | -.03 |
| | R. | +0.26 | +1.7 |
| 449 | Ll. | 0.00 | +4.4 |
| | R. | -0.28 | 0.0 |
| 450 | R. | -0.48 | +0.9 |
| 451 | R. | -0.15 | -2.7 |
| 454 | B. | +0.34 | +1.8 |
| 455 | Ll. | +0.16 | +8.5 |
| | B. | +0.37 | +0.1 |
| 456 | Ll. | -0.77 | +0.7 |
| | R. | -0.40 | -2.3 |
| 457 | B. | -0.19 | -7.8 |
| 458 | Ll. | -0.02 | -5.0 |
| | B. | -0.10 | -3.0 |
| 459 | B. | -0.25 | -7.5 |
| 460 | B. | +0.19 | -1.3 |
| | R. | -0.42 | — |
| 462 | B. | -0.10 | +2.3 |
| 465 | R. | -0.35 | +0.7 |
| 468 | Ll. | -0.88 | -0.5 |



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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 470 | B. | -0.10 | +0.3 | 507 | R. | -0.26 | +4.1 | 581 | B. | -0.03 | -5.5 |
| 471 | R. | -0.40 | +0.6 | 509 | B. | +0.13 | +3.1 | 585 | B. | +0.38 | -5.3 |
| 474 | B. | -0.04 | -1.0 | | R. | -0.48 | -0.9 | 586 | B. | +0.23 | +3.6 |
| 477 | Ll. | -0.35 | +1.3 | 513 | R. | -0.11 | -1.2 | | R. | -0.06 | +2.1 |
| | B. | -0.02 | +2.2 | 518 | Ll. | -0.40 | +12.3 | 588 | B. | -0.01 | -7.6 |
| | R. | -0.55 | -1.3 | | B. | -0.31 | +1.7 | 590 | R. | -0.21 | -0.2 |
| 478 | B. | -0.43 | -0.8 | 522 | B. | 0.00 | +2.7 | 592 | B. | +0.04 | -4.8 |
| | R. | -0.18 | +4.6 | 524 | R. | -0.08 | +6.1 | 594 | B. | -0.18 | -1.0 |
| 479 | R. | -0.03 | +0.5 | 526 | R. | -0.39 | -8.6 | 598 | Ll. | -0.02 | +1.7 |
| 480 | Ll. | -0.28 | +2.7 | 529 | R. | -0.13 | -2.8 | | R. | -0.48 | -1.1 |
| | B. | +0.15 | -1.6 | 532 | Ll. | -0.40 | +7.0 | 601 | B. | -0.03 | +1.2 |
| 483 | R. | -0.09 | +3.6 | | B. | -0.39 | -0.4 | 602 | R. | -0.55 | +2.4 |
| 486 | Ll. | -0.51 | +0.5 | 534 | R. | -0.19 | +0.5 | 606 | Ll. | -0.34 | +4.7 |
| | B. | -0.25 | -6.8 | 535 | B. | -0.11 | -4.5 | 607 | B. | +0.09 | -4.0 |
| 487 | Ll. | -0.12 | +14.2 | 539 | R. | -0.37 | +2.5 | 608 | B. | -0.07 | -6.7 |
| | B. | -0.21 | -0.6 | 541 | B. | -0.41 | +4.1 | 610 | B. | -0.07 | +1.4 |
| 490 | B. | -0.24 | -6.8 | 543 | B. | -0.18 | +7.0 | 615 | Ll. | -0.32 | +4.0 |
| 492 | R. | -0.16 | -1.5 | | R. | -0.22 | +6.3 | | R. | -0.18 | +0.2 |
| 494 | B. | -0.13 | -1.1 | 544 | Ll. | -0.36 | +3.7 | 616 | B. | -0.34 | -2.2 |
| | R. | -0.06 | +0.3 | 547 | R. | +0.35 | -5.6 | | R. | -0.53 | +4.4 |
| 495 | Ll. | +0.33 | +1.3 | 552 | B. | +0.18 | -4.4 | 620 | Ll. | -0.52 | +5.1 |
| | R. | +0.72 | -1.2 | 555 | R. | +0.01 | +1.5 | | B. | -0.74 | +0.2 |
| 496 | B. | -0.10 | +2.7 | 558 | R. | -0.37 | -1.3 | 621 | R. | -0.51 | +0.1 |
| | R. | +0.06 | — | 561 | B. | +0.24 | -6.2 | 625 | Ll. | +0.10 | +5.5 |
| 497 | R. | +0.07 | +1.2 | 564 | Ll. | +0.31 | +1.6 | 628 | Ll. | +0.50 | +7.2 |
| 504 | Ll. | -0.63 | +5.3 | 566 | Ll. | -0.03 | +2.4 | 629 | R. | -0.30 | -0.2 |
| 505 | R. | -0.21 | +3.5 | | R. | -0.02 | -3.5 | 630 | B. | +0.24 | -11.4 |
| 506 | Ll. | -0.69 | +4.5 | 571 | R. | +0.56 | +1.4 | 633 | B. | -0.02 | -1.0 |
| | R. | -0.40 | -2.6 | 574 | Ll. | -0.23 | +4.5 | 634 | B. | +0.30 | +0.2 |
| 507 | Ll. | -0.20 | +9.7 | 575 | R. | -0.23 | +2.6 | | R. | -0.15 | +1.6 |
| | B. | +0.02 | +3.3 | 578 | B. | -0.13 | +2.5 | 635 | B. | +0.27 | -8.5 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 636 | B. | −0.18 | −8.9 | 683 | R. | +0.09 | −0.7 | 733 | R. | −0.32 | −4.5 |
| | R. | +0.18 | — | 685 | R. | −0.34 | +0.3 | 734 | B. | +0.01 | −1.6 |
| 638 | R. | −0.08 | +2.0 | 686 | B. | −0.24 | +1.5 | 735 | B. | +0.08 | +4.0 |
| 640 | B. | −0.33 | −1.0 | 690 | B. | −0.28 | −9.5 | 740 | B. | −0.56 | +3.9 |
| 643 | R. | −0.39 | −1.1 | 691 | R. | −0.23 | +0.6 | 742 | B. | −0.77 | −3.6 |
| 645 | B. | −0.66 | +1.8 | 692 | Ll. | +0.16 | −5.7 | 744 | B. | −0.29 | −2.0 |
| 647 | B. | 0.00 | −0.6 | | R. | −0.09 | −10.5 | 746 | B. | −0.04 | +0.9 |
| 652 | B. | −0.60 | −2.7 | 697 | Ll. | −0.47 | +9.4 | 750 | B. | −0.31 | +2.8 |
| 653 | Ll. | +0.34 | +4.2 | 698 | B. | −0.08 | −1.8 | | R. | −0.55 | +3.3 |
| | R. | +0.04 | +2.1 | 700 | Ll. | +0.22 | +6.5 | 757 | B. | −0.18 | +1.4 |
| 655 | Ll. | −0.05 | +12.2 | | R. | +0.11 | +3.3 | 758 | B. | −0.26 | +2.8 |
| | R. | −0.35 | +0.5 | 703 | R. | −0.14 | −0.9 | 759 | B. | −0.22 | +3.1 |
| 657 | R. | −0.41 | 0.0 | 705 | Ll. | 0.00 | −6.3 | 762 | B. | −0.06 | +2.2 |
| 662 | B. | −0.04 | −2.4 | | B. | +0.01 | −6.4 | 763 | Ll. | −0.05 | +13.6 |
| 665 | Ll. | +0.11 | −0.7 | 706 | B. | +0.11 | −4.5 | 764 | Ll. | −0.22 | +7.6 |
| | B. | +0.04 | −3.7 | 708 | R. | −0.13 | −1.5 | | R. | −0.25 | +0.3 |
| 666 | B. | −0.60 | +1.8 | 710 | R. | +0.02 | −0.4 | 768 | Ll. | −1.11 | +2.5 |
| | R. | −0.51 | +0.1 | 711 | R. | +0.10 | +7.0 | | R. | −0.17 | +0.1 |
| 668 | Ll. | +0.38 | −7.1 | 712 | Ll. | −0.30 | +1.2 | 769 | B. | +0.09 | +3.0 |
| | B. | +0.04 | +1.7 | | B. | −0.12 | −3.6 | 771 | B. | −0.26 | +1.7 |
| | R. | −0.32 | +2.6 | | R. | −0.36 | −1.3 | 777 | B. | −2.46 | −0.2 |
| 670 | B. | +1.96 | +2.5 | 714 | Ll. | −0.21 | +2.2 | 781 | Ll. | −0.76 | +6.6 |
| 671 | R. | −0.09 | −0.5 | 721 | B. | −0.27 | −5.6 | 785 | Ll. | −1.06 | −13.8 |
| 672 | Ll. | −0.09 | +1.0 | 723 | B. | −0.21 | −13.4 | | B. | −0.96 | −9.6 |
| | R. | −0.47 | +1.6 | 726 | B. | −0.26 | +2.0 | 787 | B. | −0.16 | 0.0 |
| 673 | R. | −0.33 | −1.8 | 728 | Ll. | −0.16 | +5.9 | 792 | B. | −0.50 | +1.8 |
| 674 | R. | −0.38 | −1.4 | | R. | −0.37 | −0.1 | 797 | Ll. | −0.55 | +5.7 |
| 675 | B. | −0.62 | +0.9 | 730 | B. | +0.17 | 0.0 | | B. | −0.29 | −0.5 |
| 681 | B. | +0.34 | −5.6 | 731 | B. | +0.04 | −4.2 | 798 | Ll. | −0.17 | +1.6 |
| 682 | R. | −0.38 | +0.4 | 732 | R. | −0.44 | −0.8 | | B. | −0.12 | −0.1 |
| 683 | Ll. | −0.11 | −0.7 | 733 | Ll. | −0.12 | +1.4 | 802 | Ll. | −0.40 | +2.2 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 802 | B. | −0.″33 | 0.″0 | 869 | Ll. | +0.″09 | +5.″8 | 917 | Ll. | −0.″43 | +5.″1 |
| 808 | R. | +0.12 | +0.9 | 871 | R. | +0.02 | +2.1 | | B. | 0.00 | +1.9 |
| 816 | B. | −0.73 | +2.0 | 872 | R. | −0.18 | −0.8 | 918 | Ll. | −0.31 | +7.9 |
| 820 | B. | −0.75 | −0.9 | 874 | R. | −0.04 | +2.6 | 920 | B. | −0.08 | −1.1 |
| 824 | B. | −0.45 | −0.4 | 875 | R. | −0.29 | +0.2 | 922 | Ll. | −0.86 | +7.5 |
| 827 | B. | −0.44 | −0.5 | 880 | Ll. | −0.35 | +2.2 | | R. | −0.54 | +1.3 |
| 828 | Ll. | −0.86 | +2.3 | | R. | −0.14 | −1.1 | 923 | B. | +0.39 | +0.5 |
| | B. | −0.20 | −6.1 | 881 | B. | 0.00 | −1.1 | 924 | B. | −0.39 | −3.9 |
| 835 | B. | −0.10 | −4.1 | | R. | −0.11 | +0.5 | 925 | R. | +0.02 | +2.1 |
| 836 | B. | −0.13 | +4.1 | 882 | Ll. | −0.56 | +12.6 | 928 | Ll. | −0.84 | +3.6 |
| 837 | R. | −2.27 | +34.1 | 886 | B. | −0.07 | −3.4 | | R. | −0.40 | +0.1 |
| 838 | Ll. | −0.32 | −0.7 | 888 | B. | −0.04 | +1.3 | 930 | B. | −0.12 | −5.6 |
| | R. | −0.07 | +1.7 | 890 | B. | 0.00 | −0.4 | | R. | −0.20 | −4.5 |
| 840 | B. | −0.23 | +0.4 | | R. | −0.34 | −0.7 | 934 | Ll. | +0.04 | +3.5 |
| 844 | B. | −0.26 | −1.1 | 891 | Ll. | −0.03 | +5.9 | | R. | −0.14 | +1.1 |
| 848 | B. | −1.14 | −1.2 | 893 | Ll. | −0.34 | +3.3 | 938 | Ll. | −0.05 | +6.6 |
| 850 | Ll. | −0.37 | +4.7 | | B. | −0.57 | −1.9 | 941 | B. | −0.88 | +2.7 |
| 853 | B. | +0.02 | −4.6 | | R. | −0.48 | +1.7 | 942 | Ll. | +0.38 | +0.7 |
| 857 | R. | −0.05 | +0.4 | 894 | B. | −0.07 | +0.3 | | R. | +0.13 | −3.1 |
| 860 | Ll. | −0.24 | −4.8 | | R. | −0.13 | 0.0 | 944 | B. | −0.12 | +3.1 |
| 861 | B. | −0.36 | +1.1 | 899 | Ll. | +0.15 | +12.5 | | R. | −0.49 | +1.8 |
| | R. | −0.45 | 0.0 | 900 | B. | +0.13 | −5.2 | 945 | R. | −0.23 | −4.2 |
| 862 | B. | +0.05 | — | 901 | B. | −0.35 | +2.6 | 946 | B. | +0.08 | −0.8 |
| | R. | −0.02 | +1.2 | 903 | Ll. | +0.08 | +12.0 | | R. | −0.41 | — |
| 864 | B. | −0.15 | −3.0 | 904 | Ll. | −0.53 | +4.1 | 949 | Ll. | −0.40 | +12.7 |
| | R. | −0.39 | +0.9 | 906 | B. | +0.15 | −1.1 | 951 | Ll. | +0.02 | +3.8 |
| 866 | Ll. | −0.84 | +5.2 | 907 | B. | −0.64 | −1.7 | 952 | B. | +0.76 | +3.5 |
| 867 | B. | +0.05 | −0.9 | | R. | −0.63 | +4.9 | 953 | B. | +0.18 | −3.4 |
| | R. | −0.22 | +1.6 | 911 | B. | −0.08 | +1.5 | 954 | Ll. | +1.19 | +8.8 |
| 868 | Ll. | +0.22 | +6.5 | 913 | R. | +0.03 | −0.6 | | R. | +1.00 | +4.4 |
| | R. | +0.10 | −0.6 | 916 | Ll. | −0.15 | +1.7 | 956 | Ll. | −0.44 | +7.1 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 956 | R. | −0.63 | +2.7 | 999 | R. | −0.41 | −2.5 | 1064 | R. | −0.62 | −0.6 |
| 959 | Ll. | +0.24 | +2.2 | 1002 | Ll. | +3.92 | +7.8 | 1066 | B. | −0.24 | +12.6 |
| | R. | −0.31 | +3.9 | 1007 | R. | −0.88 | +1.9 | | R. | −1.57 | +0.9 |
| 962 | B. | +0.09 | −0.6 | 1013 | R. | −0.26 | −0.5 | 1067 | Ll. | −0.13 | +5.9 |
| 963 | R. | −0.30 | +3.4 | 1017 | B. | +0.24 | +0.2 | 1068 | R. | −0.66 | +1.8 |
| 964 | B. | +0.06 | −4.5 | 1018 | Ll. | −0.03 | +2.8 | 1071 | B. | −0.42 | +0.7 |
| 968 | B. | +0.77 | −1.5 | | B. | −0.59 | +0.2 | 1072 | B. | −0.54 | +5.1 |
| 970 | Ll. | −0.34 | +4.6 | | R. | −0.31 | −0.2 | 1073 | Ll. | +0.17 | −0.4 |
| | R. | −0.28 | +1.3 | 1022 | B. | −0.10 | +4.7 | | R. | +0.10 | +3.0 |
| 972 | R. | −0.43 | +5.9 | 1029 | Ll. | −0.04 | +10.2 | 1074 | Ll. | +4.65 | +2.1 |
| 973 | Ll. | −0.54 | +4.7 | | R. | −0.48 | +5.4 | 1075 | B. | +0.40 | +3.5 |
| | B. | +0.06 | +0.3 | 1030 | Ll. | +0.33 | +8.7 | 1077 | Ll. | −0.21 | +4.2 |
| 975 | Ll. | −0.66 | −2.4 | 1031 | R. | −0.25 | +0.3 | | B. | +0.36 | +4.8 |
| | B. | +0.26 | −0.4 | 1033 | B. | +0.63 | +5.8 | | R. | −0.34 | +0.7 |
| | R. | −0.39 | −0.8 | 1036 | Ll. | −0.33 | +8.9 | 1078 | R. | +0.69 | −0.5 |
| 976 | B. | −1.02 | −7.4 | 1038 | Ll. | −0.26 | −0.4 | 1079 | R. | +0.12 | −0.8 |
| | R. | −0.87 | −3.7 | | B. | +0.01 | +1.1 | 1084 | B. | −0.29 | +2.9 |
| 980 | Ll. | −0.24 | +8.4 | 1045 | B. | −0.26 | +1.8 | 1087 | B. | +0.43 | +13.8 |
| | R. | −0.34 | +1.4 | 1046 | B. | +0.09 | +1.3 | | R. | +0.17 | +4.1 |
| 983 | B. | −0.42 | +3.9 | 1047 | Ll. | +0.08 | +7.9 | 1091 | Ll. | −0.74 | +5.9 |
| 984 | R. | −0.23 | −4.6 | | R. | +0.09 | −0.8 | 1092 | Ll. | +0.08 | +1.2 |
| 985 | R. | −0.67 | +1.6 | 1052 | B. | −0.01 | +4.4 | | B. | +0.45 | +6.4 |
| 987 | B. | +0.90 | −2.4 | | R. | −0.29 | +3.4 | 1094 | R. | +0.07 | +3.3 |
| | R. | +0.28 | −1.4 | 1055 | B. | −0.06 | −1.0 | 1096 | R. | −0.25 | +1.6 |
| 990 | B. | +0.23 | +1.5 | 1058 | Ll. | −0.23 | +3.5 | 1097 | Ll. | −0.38 | +0.8 |
| 991 | Ll. | −0.38 | −4.5 | | R. | +0.59 | +1.6 | | R. | −0.23 | −0.1 |
| | B. | +0.08 | +1.5 | 1059 | B. | −0.30 | −2.9 | 1098 | B. | +0.34 | +8.7 |
| 995 | R. | −0.27 | −1.8 | 1060 | Ll. | +0.52 | −3.8 | 1104 | Ll. | +0.11 | +7.0 |
| 997 | B. | +0.72 | — | | R. | −0.36 | +4.6 | | B. | +0.66 | +1.6 |
| | R. | −0.36 | +0.7 | 1062 | B. | +0.17 | −0.9 | 1106 | B. | +0.37 | +3.1 |
| 999 | Ll. | +0.02 | +8.1 | 1064 | Ll. | −0.54 | +9.8 | | R. | −0.22 | −1.3 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1108 | Ll. | −0.44 | −6.1 | 1147 | Ll. | −0.13 | +3.9 | 1204 | B. | +0.24 | 0.0 |
| | B. | −0.14 | 0.0 | 1148 | B. | +0.49 | +3.4 | 1207 | B. | +0.19 | +0.8 |
| | R. | +0.01 | −2.2 | 1152 | Ll. | +0.10 | −1.2 | | R. | −0.45 | −1.0 |
| 1109 | Ll. | −0.26 | +7.8 | | R. | −0.44 | −0.6 | 1208 | R. | +0.22 | −1.8 |
| | B. | +0.25 | +0.4 | 1153 | B. | +0.51 | +3.6 | 1209 | R. | +0.09 | +7.3 |
| 1111 | B. | +0.47 | +6.0 | 1155 | Ll. | +0.15 | +6.3 | 1212 | Ll. | −0.17 | +5.0 |
| 1114 | B. | −0.16 | +2.4 | 1157 | B. | +2.03 | +12.1 | | R. | −0.23 | +2.3 |
| | R. | −0.17 | +2.1 | 1159 | Ll. | −0.80 | −2.5 | 1213 | Ll. | −0.35 | +7.7 |
| 1116 | Ll. | −0.34 | +6.4 | | B. | +0.06 | −0.2 | | B. | +0.07 | +3.0 |
| | R. | −0.64 | −5.9 | 1165 | Ll. | −0.12 | +6.3 | | R. | −0.30 | +3.0 |
| 1117 | R. | −0.37 | +4.9 | 1166 | Ll. | −0.29 | +2.4 | 1214 | B. | −0.01 | +3.6 |
| 1118 | Ll. | −0.24 | +1.7 | 1173 | Ll. | −0.39 | +8.4 | 1219 | B. | +0.74 | +4.0 |
| | B. | −0.15 | +5.1 | 1174 | B. | +0.84 | +2.3 | 1221 | Ll. | +0.06 | +7.7 |
| | R. | −0.34 | +2.0 | | R. | −0.04 | −2.5 | | R. | −0.40 | +3.3 |
| 1121 | B. | −0.46 | +0.1 | 1177 | Ll. | −1.20 | +0.2 | 1225 | B. | −0.31 | −1.0 |
| 1122 | R. | −0.03 | −1.1 | 1178 | Ll. | −0.17 | +12.1 | 1229 | Ll. | +0.08 | +8.5 |
| 1125 | Ll. | +0.02 | +0.4 | | B. | +0.58 | +5.1 | | R. | −0.18 | +2.5 |
| | B. | −0.06 | +4.2 | | R. | +0.07 | +1.7 | 1232 | B. | −0.63 | −2.2 |
| 1126 | B. | +0.02 | +3.4 | 1180 | B. | +0.42 | +2.9 | 1234 | Ll. | −1.66 | +0.9 |
| 1128 | Ll. | −1.33 | −3.6 | 1185 | Ll. | −0.55 | +4.7 | 1236 | Ll. | −0.07 | +9.3 |
| | B. | −0.45 | +2.4 | | B. | −0.39 | +3.1 | 1239 | B. | −0.05 | +2.2 |
| | R. | +0.89 | +0.9 | | R. | −0.33 | −1.0 | 1240 | B. | +0.32 | −0.8 |
| 1130 | Ll. | −0.11 | +7.1 | 1188 | B. | +0.58 | +5.6 | 1241 | Ll. | +0.45 | +10.0 |
| 1133 | Ll. | −0.11 | +4.7 | 1189 | Ll. | −0.51 | +2.8 | | B. | −0.40 | +3.0 |
| 1138 | Ll. | −0.48 | +6.9 | | B. | +0.04 | +4.3 | 1242 | B. | 0.00 | −2.1 |
| | B. | −0.24 | +3.6 | 1191 | R. | −0.26 | −1.4 | 1250 | B. | −0.20 | +1.9 |
| | R. | −0.37 | +6.6 | 1195 | Ll. | +0.47 | +16.4 | 1252 | B. | +0.36 | −8.3 |
| 1142 | B. | +0.02 | −3.8 | | R. | +0.35 | +1.3 | 1253 | Ll. | −0.04 | +4.1 |
| 1144 | B. | −0.58 | +2.9 | 1196 | B. | +0.01 | +3.0 | | B. | +0.27 | +2.3 |
| 1145 | Ll. | −0.03 | −0.9 | | R. | −0.45 | +0.9 | 1255 | Ll. | −0.04 | +34.4 |
| | R. | +0.12 | −1.5 | 1200 | B. | +0.19 | +2.8 | | B. | +0.50 | +35.3 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1257 | Ll. | +0.56 | +8.2 | 1290 | R. | −0.70 | −2.7 | 1326 | B. | +0.58 | +1.3 |
| | R. | −0.13 | −0.4 | 1294 | R. | −0.02 | +2.3 | | R. | −0.04 | −1.9 |
| 1358 | Ll. | +0.14 | +6.7 | 1295 | Ll. | −0.74 | −27.4 | 1328 | B. | +0.30 | +6.7 |
| | B. | +0.11 | +3.3 | | R. | −0.33 | +2.4 | 1329 | Ll. | +0.33 | −2.1 |
| 1263 | Ll. | −0.11 | −0.6 | 1297 | B. | −0.06 | +3.3 | | B. | −0.33 | −1.2 |
| | B. | +0.04 | +0.4 | 1300 | Ll. | −0.43 | −3.3 | 1331 | Ll. | −0.06 | +1.8 |
| 1264 | R. | −0.21 | +5.4 | | B. | +0.36 | −2.6 | | B. | −0.16 | −4.3 |
| 1265 | Ll. | +0.22 | +5.9 | | R. | −0.03 | −4.3 | | R. | −0.43 | −1.1 |
| 1266 | B. | −0.02 | +4.9 | 1302 | Ll. | −0.59 | −0.2 | 1332 | Ll. | −1.13 | +10.5 |
| 1268 | Ll. | −0.03 | +2.4 | | B. | −0.25 | −0.3 | | R. | −0.21 | +2.0 |
| | B. | +0.07 | +2.5 | | R. | −0.47 | −1.6 | 1333 | R. | −0.01 | +2.9 |
| | R. | −0.26 | +0.2 | 1307 | R. | −0.33 | +2.0 | 1338 | R. | +0.04 | −1.8 |
| 1271 | Ll. | −0.05 | +2.3 | 1309 | Ll. | −0.40 | +0.3 | 1339 | B. | −0.12 | +1.5 |
| 1272 | B. | +0.07 | +5.5 | | B. | −0.16 | +1.8 | 1340 | B. | −0.03 | +3.6 |
| 1274 | B. | −0.50 | −1.3 | | R. | −0.31 | −1.2 | 1342 | B. | −0.01 | +3.6 |
| 1275 | R. | −0.15 | −0.5 | 1314 | B. | +0.42 | −3.0 | 1350 | R. | −0.30 | +1.2 |
| 1277 | Ll. | +0.05 | +3.9 | | R. | −0.10 | −4.9 | 1355 | Ll. | −0.16 | −2.0 |
| 1278 | Ll. | −0.54 | +5.8 | 1315 | B. | +0.18 | +3.5 | 1357 | Ll. | −0.23 | +3.5 |
| | R. | −0.14 | −2.0 | | R. | −0.32 | −0.5 | | R. | −0.07 | −1.3 |
| 1279 | R. | −0.66 | +7.0 | 1316 | Ll. | +0.05 | +4.8 | 1358 | R. | −0.16 | — |
| 1282 | Ll. | +0.11 | +3.1 | | B. | +0.06 | +0.6 | 1361 | B. | −0.14 | +2.6 |
| | B. | +0.20 | +4.3 | | R. | −0.22 | −2.6 | 1362 | B. | −0.08 | +8.0 |
| | R. | −0.14 | −0.3 | 1318 | B. | +0.20 | +3.3 | 1363 | B. | −0.02 | −0.5 |
| 1285 | Ll. | +0.15 | +2.0 | | R. | −0.64 | +2.1 | | R. | −0.07 | −2.6 |
| | B. | +0.19 | +1.8 | 1319 | Ll. | −0.16 | +4.3 | 1364 | B. | −0.01 | +4.0 |
| 1286 | B. | +0.32 | +3.5 | | R. | −0.28 | +4.3 | | R. | −0.51 | +1.6 |
| | R. | +0.18 | +0.4 | 1320 | Ll. | +0.25 | +0.6 | 1365 | R. | −0.18 | −1.3 |
| 1288 | Ll. | −0.53 | +2.7 | | B. | +0.25 | +0.9 | 1367 | R. | −0.18 | −2.8 |
| | B. | +0.04 | −0.9 | | R. | +0.01 | −0.8 | 1372 | Ll. | −0.58 | +4.4 |
| | R. | −0.11 | −0.2 | 1324 | B. | +0.10 | +3.6 | 1374 | Ll. | −0.18 | +9.2 |
| 1290 | B. | −0.01 | −1.6 | 1326 | Ll. | −0.19 | +1.1 | | R. | −0.01 | +1.6 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1376 | Ll. | −0.25 | −1.8 | 1418 | R. | −0.31 | +3.0 | 1462 | R. | −0.16 | +2.6 |
| | B. | +0.08 | +0.2 | 1421 | Ll. | −0.34 | +1.0 | 1463 | R. | +0.16 | +2.4 |
| | R. | −0.11 | +0.2 | | R. | −0.37 | −0.4 | 1464 | Ll. | −0.76 | +2.3 |
| 1379 | B. | −0.51 | +6.6 | 1422 | B. | −0.20 | +5.9 | | R. | −0.21 | −7.6 |
| 1381 | Ll. | −0.44 | +1.7 | 1424 | R. | −0.17 | −0.8 | 1465 | B. | +0.57 | +4.0 |
| | R. | −0.14 | +0.4 | 1426 | B. | +0.38 | +7.6 | 1466 | Ll. | −0.76 | +3.1 |
| 1383 | Ll. | −0.63 | +4.3 | 1428 | Ll. | +0.25 | +0.6 | 1468 | Ll. | +0.01 | +8.6 |
| | B. | −0.48 | +1.7 | | B. | +0.57 | −2.4 | | R. | −0.07 | +2.3 |
| | R. | −0.53 | +1.4 | | R. | −0.09 | −4.1 | 1469 | B. | +0.08 | −1.4 |
| 1385 | B. | +0.15 | −2.9 | 1429 | R. | −0.01 | +4.8 | | R. | −0.41 | −7.4 |
| | R. | −0.24 | −5.2 | 1430 | Ll. | −0.39 | −1.7 | 1471 | B. | −0.50 | −2.0 |
| 1388 | B. | −0.73 | +4.8 | | R. | −0.08 | — | 1472 | B. | +0.19 | +3.7 |
| 1391 | R. | +0.08 | −2.2 | 1432 | Ll. | −0.45 | +4.9 | 1473 | R. | −0.23 | −0.4 |
| 1393 | Ll. | −0.40 | +4.2 | 1433 | Ll. | −0.08 | +4.9 | 1475 | B. | +0.38 | −0.3 |
| | B. | +0.66 | −0.8 | | R. | −0.41 | −0.6 | | R. | −0.47 | −3.6 |
| 1394 | B. | −0.27 | +3.4 | 1437 | Ll. | −0.06 | +5.1 | 1476 | B. | −0.45 | +2.2 |
| | R. | −0.46 | +2.9 | | B. | −0.04 | +2.4 | 1477 | B. | −0.49 | −1.3 |
| 1395 | Ll. | −0.11 | −1.8 | | R. | −0.33 | +0.6 | 1480 | Ll. | +0.32 | +11.1 |
| | B. | −0.27 | −1.3 | 1439 | R. | −0.63 | +1.5 | | R. | −0.27 | +1.3 |
| | R. | −0.11 | −3.2 | 1443 | B. | +0.21 | −3.6 | 1481 | B. | −1.19 | −1.4 |
| 1402 | Ll. | −0.77 | −1.5 | | R. | +0.41 | −4.5 | 1483 | R. | −0.45 | +6.0 |
| 1404 | Ll. | −0.36 | +5.5 | 1445 | Ll. | −0.35 | +7.8 | 1485 | B. | −0.24 | −2.5 |
| | R. | −0.74 | +1.3 | | R. | −0.32 | +0.4 | 1486 | R. | −0.31 | −4.1 |
| 1406 | B. | +0.18 | −3.6 | 1446 | R. | −0.12 | +0.3 | 1487 | B. | +0.26 | +0.4 |
| 1407 | R. | −0.09 | +4.3 | 1447 | B. | −0.31 | +0.1 | 1489 | B. | −0.31 | −4.7 |
| 1410 | R. | −0.25 | +3.4 | 1451 | B. | −0.10 | +7.2 | 1490 | Ll. | −0.42 | +1.2 |
| 1412 | R. | −0.33 | +1.2 | 1455 | B. | −0.15 | +5.1 | | B. | −0.20 | −1.1 |
| 1415 | R. | −0.19 | +0.2 | 1457 | R. | +0.26 | −4.9 | | R. | −0.15 | −1.3 |
| 1416 | Ll. | +0.03 | +4.4 | 1458 | B. | −0.37 | +0.7 | 1491 | Ll. | −0.66 | +2.1 |
| | B. | +0.40 | +1.5 | 1461 | B. | +0.32 | −1.3 | | R. | −0.45 | +0.6 |
| 1418 | B. | −0.29 | +3.0 | 1462 | B. | −0.07 | +2.2 | 1492 | Ll. | +0.01 | +9.9 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1492 | B. | -0.″03 | +5.″7 | 1530 | R. | +0.″04 | +1.″7 | 1569 | B. | -0.″17 | -2.″7 |
| | R. | -0.18 | +1.6 | 1531 | Ll. | -0.09 | +1.9 | | R. | -0.18 | -2.0 |
| 1494 | B. | +0.17 | +1.9 | | B. | -0.08 | +8.0 | 1572 | Ll. | -0.08 | -3.5 |
| 1496 | B. | -0.15 | -2.5 | | R. | -0.44 | -0.7 | | B. | -0.02 | -1.2 |
| 1498 | Ll. | -0.11 | -0.4 | 1532 | Ll. | +0.26 | +2.3 | | R. | -0.60 | -2.0 |
| 1500 | R. | -0.15 | +1.8 | | B. | +0.62 | +5.0 | 1573 | B. | +0.22 | +1.1 |
| 1501 | Ll. | -0.92 | +8.7 | | R. | 0.00 | -0.4 | 1576 | Ll. | -0.20 | +6.7 |
| | B. | -0.55 | +3.0 | 1533 | Ll. | -0.09 | +2.3 | | R. | -0.19 | -1.9 |
| 1503 | Ll. | +0.22 | +7.1 | | B. | -0.01 | -0.5 | 1579 | Ll. | -0.06 | +3.7 |
| | R. | -0.08 | +0.7 | 1536 | B. | -0.06 | +3.5 | | R. | +0.06 | -0.3 |
| 1504 | Ll. | +0.03 | +1.9 | | R. | -0.37 | +2.4 | 1580 | Ll. | +0.48 | -0.5 |
| | B. | -0.29 | -1.5 | 1540 | B. | +0.16 | -0.9 | | B. | +0.54 | +0.3 |
| 1505 | Ll. | +0.05 | +2.4 | 1544 | B. | +0.25 | +1.1 | | R. | -0.71 | +2.3 |
| 1507 | B. | -0.33 | +1.8 | | R. | -0.54 | -0.2 | 1581 | Ll. | -1.39 | +6.6 |
| 1508 | R. | +0.12 | -2.3 | 1549 | Ll. | +0.06 | +9.6 | | B. | -0.33 | +4.4 |
| 1509 | B. | -0.04 | -6.1 | | R. | -0.15 | +6.4 | | R. | +1.40 | -4.8 |
| 1511 | R. | -0.52 | -0.1 | 1550 | B. | -0.47 | -1.7 | 1582 | Ll. | -0.81 | +2.8 |
| 1512 | R. | -0.61 | +1.6 | | R. | -0.33 | -1.1 | | B. | +0.04 | -3.2 |
| 1514 | R. | -0.35 | +4.7 | 1553 | B. | -0.19 | -6.9 | | R. | -0.36 | -1.6 |
| 1515 | B. | -0.02 | -3.9 | 1556 | Ll. | -0.80 | +6.4 | 1583 | B. | -0.06 | +2.1 |
| 1516 | Ll. | +0.30 | +3.9 | | B. | +0.16 | +2.1 | 1585 | Ll. | -0.13 | +5.7 |
| | B. | -0.13 | +2.4 | | R. | -0.65 | +1.3 | | R. | -0.23 | +1.4 |
| 1518 | R. | -0.78 | -1.1 | 1558 | R. | -0.52 | -3.4 | 1586 | B. | +0.19 | +3.8 |
| 1521 | Ll. | -0.21 | +3.6 | 1559 | R. | -0.21 | -1.5 | 1587 | Ll. | -0.36 | +29.7 |
| | R. | -0.20 | -1.4 | 1560 | B. | +0.61 | +0.7 | 1588 | B. | -0.48 | -5.0 |
| 1523 | B. | +0.07 | +4.2 | 1562 | Ll. | +0.15 | +0.6 | 1592 | B. | -0.78 | -1.8 |
| 1524 | B. | +0.23 | -5.8 | | B. | +0.66 | +1.7 | 1594 | B. | +0.24 | 0.0 |
| | R. | +0.08 | -0.9 | | R. | -0.07 | +1.1 | 1595 | Ll. | -0.34 | +5.4 |
| 1525 | B. | +0.64 | +4.0 | 1563 | R. | -0.81 | -3.3 | | B. | +0.09 | +1.0 |
| | R. | -0.32 | +3.4 | 1567 | B. | -0.16 | -3.5 | | R. | +0.04 | +1.6 |
| 1527 | R. | -0.58 | -0.2 | 1569 | Ll. | -0.12 | +6.0 | 1598 | B. | +0.03 | +1.4 |



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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 1599 | B. | +0.16 | +0.5 | 1638 | R. | -0.31 | -3.4 | 1672 | R. | -0.13 | +1.4 |
| 1600 | B. | +0.09 | -4.3 | 1640 | R. | -0.23 | +1.9 | 1674 | B. | +0.05 | -4.0 |
| 1602 | B. | -0.16 | -0.7 | 1641 | Ll. | -0.63 | +3.6 | 1678 | Ll. | -0.40 | +4.5 |
| 1603 | B. | -0.54 | -1.2 | | B. | -0.26 | -1.0 | | B. | -0.30 | +1.5 |
| 1606 | R. | -0.52 | -8.0 | 1643 | Ll. | +0.97 | +1.0 | | R. | -0.21 | +3.2 |
| 1609 | B. | +0.24 | +5.1 | | R. | -0.34 | +3.2 | 1679 | B. | -0.02 | -1.5 |
| 1612 | Ll. | 0.00 | +5.3 | 1644 | B. | -0.08 | -0.7 | | R. | -0.27 | -8.8 |
| | R. | -0.15 | +1.1 | 1645 | R. | -0.35 | +1.2 | 1686 | B. | -0.12 | +4.8 |
| 1615 | B. | -0.09 | -12.0 | 1647 | R. | -0.08 | +1.4 | 1688 | Ll. | +0.09 | +5.4 |
| 1616 | Ll. | -0.37 | -2.6 | 1649 | R. | -0.45 | +1.5 | | B. | -0.31 | +2.6 |
| | B. | +0.01 | -3.6 | 1650 | B. | -0.17 | -7.5 | | R. | -0.17 | +2.5 |
| | R. | -0.65 | -3.6 | 1651 | B. | +0.14 | +1.6 | 1689 | Ll. | +0.36 | +9.7 |
| 1618 | R. | -0.22 | +7.6 | 1656 | Ll. | -0.19 | -2.9 | | B. | +0.37 | +3.1 |
| 1619 | Ll. | -0.31 | +2.7 | | B. | +0.07 | -0.1 | 1690 | B. | -0.25 | +0.6 |
| | R. | -0.40 | -0.7 | | R. | -0.19 | +0.3 | 1691 | R. | -0.70 | +2.5 |
| 1621 | Ll. | -0.45 | +1.7 | 1657 | Ll. | -0.42 | +12.5 | 1692 | R. | +0.03 | +0.1 |
| | B. | -0.20 | +0.7 | | R. | -0.24 | +3.5 | 1695 | B. | +0.25 | +0.4 |
| | R. | -0.61 | -3.2 | 1658 | R. | -0.50 | -5.1 | 1696 | R. | -0.58 | -3.1 |
| 1623 | B. | +0.22 | -0.5 | 1662 | B. | -0.31 | -4.7 | 1698 | B. | -0.04 | -1.1 |
| 1626 | Ll. | -0.38 | +31.9 | 1664 | Ll. | -0.10 | +7.0 | | R. | -0.29 | -2.8 |
| | R. | -0.59 | -0.7 | | B. | +0.41 | +5.9 | 1699 | R. | -0.92 | -3.1 |
| 1628 | B. | -0.07 | -0.8 | | R. | -0.18 | +2.8 | 1700 | R. | -0.28 | — |
| | R. | -0.24 | +3.0 | 1665 | B. | +0.04 | +2.1 | 1702 | Ll. | -0.36 | -2.4 |
| 1629 | Ll. | -0.29 | -9.3 | 1666 | B. | -0.53 | -2.0 | | B. | -0.39 | -6.6 |
| | B. | -0.18 | -6.2 | 1667 | B. | +0.38 | +0.2 | | R. | -0.60 | -2.6 |
| | R. | -0.22 | -4.1 | 1668 | Ll. | -0.19 | +8.0 | 1703 | B. | -0.45 | +3.8 |
| 1631 | B. | +0.05 | -0.5 | | B. | +0.28 | -3.5 | 1704 | Ll. | -0.19 | +0.9 |
| 1635 | R. | -0.10 | +1.9 | | R. | -0.04 | -1.8 | | B. | +0.05 | -2.2 |
| 1636 | Ll. | -0.42 | +0.5 | 1669 | B. | +0.17 | +0.2 | | R. | -0.44 | +0.6 |
| 1637 | B. | +0.40 | +0.6 | 1672 | Ll. | -0.32 | +3.2 | 1705 | B. | -0.58 | +0.4 |
| | R. | -0.29 | -0.8 | | B. | -0.27 | +1.8 | 1706 | R. | -1.15 | -2.8 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 1709 | R. | −0.″33 | +2.″0 |
| 1714 | B. | −0.28 | +1.0 |
| 1715 | B. | +0.40 | −8.2 |
| 1716 | B. | −0.35 | −3.3 |
| 1717 | Ll. | −0.06 | +1.2 |
| | B. | −0.08 | −2.5 |
| | R. | −0.15 | −0.1 |
| 1718 | B. | −0.36 | −1.2 |
| 1720 | B. | −0.18 | +1.0 |
| 1724 | R. | −0.48 | +0.3 |
| 1725 | Ll. | −0.86 | −3.3 |
| | B. | −0.62 | −5.5 |
| | R. | −0.50 | +7.2 |
| 1726 | Ll. | −0.13 | +8.7 |
| | B. | −0.07 | +2.6 |
| 1728 | Ll. | −0.44 | −2.1 |
| | B. | −0.40 | −4.3 |
| 1734 | B. | −0.45 | −4.0 |
| 1735 | B. | +0.17 | +1.5 |
| 1738 | Ll. | −0.88 | −0.7 |
| 1741 | B. | −1.76 | −2.0 |
| 1743 | Ll. | −0.07 | −1.6 |
| 1745 | Ll. | −0.16 | +8.0 |
| | B. | −0.68 | −0.7 |
| 1746 | B. | −0.23 | −2.5 |
| 1752 | B. | −0.27 | −0.6 |
| 1754 | B. | +0.18 | −5.3 |
| 1755 | Ll. | −1.29 | +1.2 |
| | B. | −0.57 | −2.3 |
| 1758 | B. | −0.39 | +1.1 |
| | R. | −0.50 | +2.2 |
| 1762 | B. | −0.″30 | −0.″5 |
| | R. | −0.38 | −0.1 |
| 1763 | B. | −0.22 | −4.3 |
| 1764 | B. | +0.51 | +5.0 |
| 1765 | B. | −0.21 | +0.6 |
| | R. | −0.50 | +0.8 |
| 1768 | Ll. | −0.52 | −2.7 |
| | B. | −0.16 | +0.5 |
| 1771 | B. | −0.36 | +3.7 |
| 1772 | B. | +0.33 | −6.6 |
| 1774 | Ll. | −0.32 | +8.2 |
| | B. | −0.21 | −4.2 |
| | R. | −0.41 | −0.9 |
| 1775 | Ll. | −0.64 | +7.0 |
| | B. | −0.20 | −4.1 |
| 1776 | Ll. | −0.85 | +13.2 |
| | B. | −0.35 | −1.2 |
| | R. | −0.62 | +0.7 |
| 1780 | B. | −0.37 | −3.5 |
| 1782 | B. | +0.35 | −2.4 |
| | R. | −0.41 | +1.5 |
| 1783 | B. | −0.39 | −2.4 |
| 1784 | B. | −0.15 | −2.5 |
| | R. | −0.60 | −3.9 |
| 1786 | B. | −0.20 | −1.6 |
| | R. | −0.68 | −3.3 |
| 1788 | B. | −0.36 | −4.9 |
| 1789 | Ll. | −0.29 | +3.8 |
| | B. | −0.78 | −2.2 |
| | R. | −0.60 | −0.9 |
| 1790 | R. | −0.62 | −1.4 |
| 1793 | R. | −0.″72 | −1.″4 |
| 1794 | R. | −0.68 | −0.4 |
| 1796 | B. | +0.97 | +3.8 |
| 1797 | B. | +0.92 | +0.1 |
| | R. | −0.10 | +2.7 |
| 1798 | R. | −0.42 | −1.6 |
| 1799 | B. | −1.08 | +0.2 |
| 1801 | B. | −0.13 | −2.6 |
| | R. | −0.56 | +2.0 |
| 1802 | B | −0.34 | +1.8 |
| 1803 | B. | +0.25 | +0.8 |
| 1805 | R. | −0.15 | +1.0 |
| 1806 | R. | −0.32 | +2.0 |
| 1807 | B. | −0.16 | −5.3 |
| 1808 | B. | −0.93 | — |
| 1809 | B. | −0.36 | −0.6 |
| 1812 | B. | −0.74 | +4.5 |
| 1814 | R. | −0.78 | +0.9 |
| 1817 | B. | −0.42 | −4.8 |
| 1818 | B. | −0.09 | +1.3 |
| | R. | −0.41 | +1.1 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 3 | B. | −0.38 | −0.2 |
| 11 | Ll. | −0.35 | +2.0 |
| | B. | +0.12 | −1.1 |
| 17 | B. | +0.21 | +2.3 |
| 18 | Ll. | −0.43 | +5.5 |
| 24 | Ll. | −0.19 | +5.6 |
| | B. | −0.08 | +2.0 |
| 26 | B. | −0.45 | +0.6 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 26 | R. | -0.″29 | +0.″9 |
| 27 | Ll. | -0.46 | -0.7 |
| | R. | -0.25 | -0.6 |
| 29 | B. | +0.05 | +1.9 |
| 31 | Ll. | -1.03 | +15.6 |
| | R. | -0.19 | +1.4 |
| 32 | R. | -0.30 | -0.8 |
| 35 | Ll. | -0.43 | +1.9 |
| 37 | Ll. | -0.55 | -4.9 |
| | B. | +0.10 | -3.2 |
| 40 | B. | +0.28 | -0.1 |
| 41 | Ll. | -0.05 | +1.7 |
| | B. | -0.12 | -5.7 |
| 43 | Ll. | -0.44 | +5.4 |
| 49 | Ll. | -2.69 | +11.9 |
| | B. | -0.63 | +2.5 |
| 52 | B. | 0.00 | +1.9 |
| 53 | Ll. | -0.27 | +0.8 |
| 54 | Ll. | -0.92 | -0.6 |
| | B. | +0.02 | -1.7 |
| | R. | -0.17 | — |
| 56 | Ll. | -0.62 | +0.1 |
| 58 | R. | -0.58 | -1.3 |
| 59 | B. | +0.15 | -6.5 |
| 60 | Ll. | -0.34 | +1.1 |
| | B. | +0.01 | +1.0 |
| 61 | Ll. | -0.20 | -1.1 |
| | B. | +0.10 | -5.7 |
| 63 | Ll. | -0.05 | +2.0 |
| | B. | +0.06 | -3.6 |
| 64 | B. | -0.20 | — |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 65 | Ll. | -0.″48 | -0.″4 |
| 68 | Ll. | -0.75 | -4.6 |
| | B. | -0.31 | -0.7 |
| 71 | B. | +0.07 | -2.5 |
| 73 | Ll. | -0.25 | +4.9 |
| | B. | +0.12 | -0.2 |
| 76 | B. | -0.24 | -1.4 |
| 77 | Ll. | -0.20 | +4.1 |
| | B. | -0.22 | -1.4 |
| 78 | Ll. | -0.45 | +2.2 |
| | B. | +0.03 | +2.1 |
| 79 | B. | -0.06 | 0.0 |
| 82 | R. | -0.36 | -3.9 |
| 86 | Ll. | -1.71 | +5.3 |
| 90 | B. | +0.56 | +1.4 |
| 91 | Ll. | +0.23 | +3.0 |
| | R. | -0.23 | -0.6 |
| 94 | R. | -0.23 | -2.7 |
| 97 | B. | +0.33 | -0.1 |
| 100 | Ll. | -0.38 | -4.1 |
| | R. | -0.35 | +0.1 |
| 102 | B. | +1.02 | -4.5 |
| 103 | Ll. | +0.21 | -1.5 |
| | B. | +1.07 | -2.9 |
| 106 | Ll. | -0.24 | +2.6 |
| | B. | +0.13 | -1.2 |
| | R. | -0.18 | -1.5 |
| 110 | B. | -0.15 | -3.2 |
| 112 | Ll. | -0.19 | +7.5 |
| 113 | Ll. | -0.40 | +1,9 |
| | B. | +0.02 | -5.5 |

| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 120 | Ll. | -0.″46 | +6.″1 |
| | B. | -0.29 | -2.1 |
| 122 | B. | +0.10 | -2.6 |
| 125 | Ll. | 0.00 | +10.7 |
| | B. | +0.05 | -1.4 |
| 128 | Ll. | -0.64 | +28.7 |
| | B. | -1.05 | +6.6 |
| 131 | B. | -0.29 | +1.9 |
| 132 | B. | +0.08 | -1.3 |
| 133 | Ll. | -0.55 | +4.1 |
| 134 | B. | +0.09 | -4.4 |
| 135 | Ll. | -0.78 | +3.5 |
| 136 | Ll. | -0.44 | +2.1 |
| 139 | B. | 0.00 | +1.1 |
| 140 | B. | +0.20 | +3.1 |
| 141 | Ll. | -0.12 | +3.2 |
| | B. | -0.66 | +0.8 |
| 142 | Ll. | -0.35 | +6.9 |
| | B. | -0.21 | +2.3 |
| 144 | Ll. | -0.68 | +3.3 |
| | B. | -0.16 | -0.7 |
| 148 | Ll. | -0.15 | +4.5 |
| | B. | +0.66 | -2.1 |
| 152 | Ll. | -0.10 | +8.1 |
| | B. | +0.17 | +0.2 |
| 155 | B. | -0.07 | -0.5 |
| 157 | Ll. | -0.10 | +11.1 |
| | B. | +0.29 | +0.7 |
| 160 | Ll. | -0.83 | +2.5 |
| | B. | +0.21 | +4.5 |
| | R. | -0.88 | +2.8 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 162 | Ll. | −0.″18 | −1.″4 | 189 | Ll. | −0.″10 | −0.″8 | 223 | B. | −0.″71 | −2.″6 |
| | B. | +0.19 | +1.1 | | B. | +0.13 | +0.4 | | R. | −0.61 | −2.1 |
| 163 | B. | +0.35 | +1.1 | | R. | +0.07 | −1.9 | 224 | Ll. | −0.91 | +0.4 |
| 167 | Ll. | +0.01 | +0.7 | 190 | Ll. | −0.31 | +0.8 | 226 | R. | −1.47 | −4.2 |
| | B. | +1.05 | +0.1 | | R. | +0.05 | −0.4 | 228 | Ll. | −0.76 | −3.0 |
| 170 | Ll. | +0.17 | −0.2 | 192 | B. | +0.10 | +1.3 | | B. | −0.49 | −3.5 |
| | B. | −0.05 | +4.2 | 193 | Ll | −0.10 | +5.3 | 232 | Ll. | −0.95 | −2.1 |
| | R. | −0.20 | −0.3 | | B. | −0.01 | −4.2 | | B. | −0 70 | −2.4 |
| 172 | B. | −0.15 | +0.2 | | R. | −0.18 | +0.2 | 233 | R. | −0.64 | −0.4 |
| 173 | Ll. | −0.39 | +13.6 | 196 | Ll. | −0.29 | +2.2 | 235 | Ll. | −0.77 | −2.8 |
| | B. | −0.24 | −2.5 | | R. | −0.27 | −0.9 | 236 | B. | −0.10 | +0.8 |
| 174 | Ll. | −0.53 | +4.7 | 197 | Ll. | −0.52 | +1.9 | 237 | B. | +1.61 | −38.1 |
| | B. | −0.38 | +0.2 | | B. | +0.04 | +1.7 | 238 | B | +1.12 | −4.2 |
| | R. | −0.45 | +1.6 | 201 | Ll. | −1.14 | +3.0 | 240 | Ll. | −0.82 | +0.5 |
| 175 | B. | −0.28 | −2.7 | | B | −0.85 | +2.7 | 241 | Ll. | −0.60 | −2.4 |
| 176 | Ll. | +0.38 | +6.1 | | R. | −0.30 | +0.2 | | B. | −0.55 | −0.3 |
| | B. | +0.60 | +0.1 | 205 | B. | −0.22 | +0.7 | 242 | B. | −0.21 | +3.1 |
| | R. | +0.74 | −0.9 | 207 | B. | +2.45 | +2.0 | 245 | Ll. | −0.44 | −1.3 |
| 177 | Ll. | −0.03 | +6.1 | 208 | B. | −0.22 | +1.5 | 249 | Ll. | −0.82 | −3.3 |
| | B. | +0.45 | −3.3 | 215 | B. | −0.43 | −0.9 | 251 | Ll. | −0.49 | +4.5 |
| | R. | +0.33 | −0.9 | 216 | B. | −0.26 | +0.1 | 252 | Ll. | −0.80 | −6.1 |
| 178 | B. | +0.12 | −4.8 | 218 | Ll. | −1.14 | +0.5 | 254 | Ll. | −0.44 | +0.1 |
| | R. | +0.03 | +0.9 | | R. | −0.26 | −4.1 | 257 | Ll. | −0.76 | −7.3 |
| 179 | Ll. | −0.18 | +4.8 | 219 | Ll. | −0.07 | +1.3 | | B. | −0.76 | −6.1 |
| | B. | +0.71 | +0.2 | | R. | −0.19 | +1.2 | 258 | Ll. | −0.28 | −5.8 |
| 181 | Ll. | −0.22 | +2.6 | 220 | Ll. | −0.55 | −0.3 | | B. | −0.36 | −4.4 |
| | B. | −1.53 | +3.5 | | R. | −0.87 | +2.4 | 264 | R. | −0.28 | −4.4 |
| | R. | −0.39 | −0.8 | 221 | Ll. | +0.54 | −4.3 | 265 | Ll. | −0.83 | +17.8 |
| 182 | R. | −0.02 | +2.9 | | R. | +0.34 | −3.5 | | B. | −0.32 | +5.7 |
| 183 | Ll. | +0.04 | −3.2 | 222 | Ll. | −1.24 | −8.8 | | R. | −0.47 | −0.7 |
| 187 | B. | +0.04 | +4.4 | 223 | Ll. | −0.75 | −2.5 | 266 | B. | −0.37 | +10.0 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 266 | R. | -0.19 | +8.5 | 314 | B. | -0.11 | +3.0 | 345 | B. | -0.08 | -2.5 |
| 268 | Ll. | -0.42 | -3.4 | 315 | B. | -0.12 | +33.0 | 346 | Ll. | 0.36 | +8.4 |
| | B. | -0.23 | +3.0 | 317 | Ll. | -0.79 | -11.2 | | R. | -0.44 | +1.8 |
| 269 | Ll. | -0.29 | +1.7 | | B | +0.52 | -3.8 | 347 | Ll. | -0.74 | +8.0 |
| | B. | -0.17 | +3.2 | 318 | Ll. | -0.49 | +21.2 | | B. | -0.12 | +3.5 |
| 274 | Ll. | +0.06 | -0.4 | | B. | -0.30 | +15.9 | | R. | +0.29 | +3.3 |
| 275 | Ll. | +0.35 | +5.2 | 319 | Ll. | -0.45 | -2.7 | 349 | Ll. | +0.10 | +6.3 |
| | B. | -0.95 | +3.4 | | B. | -0.28 | -0.9 | | R. | +0.33 | +0.8 |
| | R. | -0.05 | +56.3 | 320 | Ll. | -0.29 | -2.2 | 352 | B. | +0.44 | -0.6 |
| 276 | Ll. | -1.20 | +4.7 | 321 | B. | -0.21 | +2.9 | | R. | +0.31 | -1.7 |
| 277 | Ll. | +0.46 | +1.0 | 322 | B. | -0.21 | +1.1 | 353 | Ll. | +0.67 | -2.8 |
| | B. | -0.02 | -2.3 | 323 | B. | -0.52 | +3.8 | | B. | +0.08 | +3.5 |
| | R. | -0.34 | -1.2 | 324 | B. | +0.64 | -2.2 | | R. | +0.04 | -0.1 |
| 278 | Ll. | -0.27 | +2.7 | 325 | B. | -0.25 | +0.8 | 354 | Ll. | -0.13 | +4.6 |
| | B. | -0.30 | +0.4 | | R. | -0.42 | +1.1 | | B. | +0.37 | -0.3 |
| 280 | Ll. | -0.10 | +0.1 | 327 | B. | -0.25 | -5.4 | | R. | -0.02 | -2.9 |
| 281 | Ll. | +0.05 | +3.6 | 328 | B. | +0.21 | +0.1 | 356 | B. | +0.45 | +1.5 |
| 283 | B. | -0.56 | -4.3 | 330 | B. | -0.16 | +2.8 | 357 | B. | +1.07 | +3.8 |
| 284 | Ll. | -0.56 | +9.2 | 331 | B. | -0.45 | -2.2 | 358 | B. | +0.38 | +2.3 |
| | B. | -0.37 | +4.0 | 332 | B. | -0.43 | -0.7 | 359 | B. | +0.80 | +2.3 |
| 289 | B. | -0.22 | +3.2 | 333 | B. | +0.09 | +4.2 | 360 | B. | +0.13 | +2.0 |
| 290 | B. | -0.37 | +2.2 | 334 | B. | -0.02 | +0.8 | 361 | B. | +0.14 | +4.9 |
| 301 | B. | -0.23 | -5.4 | 335 | B. | +0.01 | +11.1 | | R. | -0.80 | +1.9 |
| 302 | Ll. | -0.25 | +9.3 | 337 | B. | -0.37 | -8.3 | 362 | B. | +0.23 | -5.2 |
| | B. | +0.01 | +1.3 | 339 | B. | -0.07 | -2.0 | 363 | Ll. | +0.37 | +5.8 |
| 305 | Ll. | -0.13 | +6.7 | 340 | B. | +0.46 | +0.4 | | B. | +0.13 | +0.4 |
| 311 | Ll. | -0.73 | +9.7 | | R. | +0.46 | +8.2 | 364 | Ll. | +0.58 | +8.0 |
| 312 | Ll. | -0.49 | -8.9 | 341 | B. | +0.23 | -6.1 | 365 | Ll. | +0.26 | +4.9 |
| | B. | -0.19 | +0.8 | | R. | +0.03 | -.9 | | B. | +0.40 | +4.4 |
| 313 | Ll. | -0.51 | -7.2 | 342 | B. | +0.16 | +4.7 | 366 | B. | +0.33 | +2.3 |
| | B. | -1.06 | -2.1 | 344 | B. | -0.44 | +5.9 | 367 | B. | +0.48 | +2.2 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 368 | B. | +0.49 | +7.0 | 397 | B. | +0.04 | -1.3 | 430 | R. | -0.40 | -2.4 |
| 369 | B. | +0.33 | +2.8 | | R. | +0.04 | -1.3 | 433 | B. | -0.04 | -7.9 |
| 370 | B. | +0.17 | +2.4 | 398 | B. | -0.29 | -2.4 | 435 | Ll. | -1.16 | +2.4 |
| 371 | Ll. | -0.24 | +3.7 | 399 | B. | +0.07 | -0.1 | | B. | +0.11 | -0.9 |
| | B. | -0.14 | +0.4 | 404 | B. | +0.16 | +0.2 | | R. | -0.22 | 0.0 |
| | R. | -0.14 | +1.7 | 405 | B. | +0.20 | -0.5 | 436 | Ll. | -0.34 | +3.6 |
| 372 | Ll. | -0.37 | +3.7 | | R. | +0.23 | -3.6 | | B. | -0.26 | -4.8 |
| | B. | +0.24 | +3.8 | 406 | B. | -0.09 | 0.0 | 437 | B. | +0.24 | -1.0 |
| | R. | +0.18 | -0.1 | | R. | -0.43 | -1.7 | | R. | +0.03 | +1.8 |
| 373 | Ll. | +0.32 | -18.2 | 407 | B. | +0.25 | -3.0 | 438 | Ll. | -0.16 | +4.2 |
| | R. | +0.40 | +0.9 | 408 | B. | +0.16 | -9.2 | | B. | +0.02 | -1.9 |
| 374 | Ll. | -0.29 | +8.2 | 410 | B. | +0.17 | 3.3 | | R. | -0.21 | -2.0 |
| | B. | +0.64 | +25.4 | 413 | R. | -0.31 | -3.0 | 441 | B. | +0.19 | -3.4 |
| | R. | +0.11 | +20.9 | 414 | Ll. | -0.06 | -2.9 | 442 | B. | -0.13 | -1.8 |
| 376 | R. | +0.24 | +10.8 | | R. | -0.41 | -1.9 | 443 | B. | -0.59 | -7.5 |
| 377 | R. | +0.25 | +0.7 | 415 | Ll. | -0.35 | +9.1 | | R. | -0.83 | -4.9 |
| 384 | B. | +0.31 | +0.1 | | B. | -0.02 | +0.5 | 444 | B. | -0.15 | -4.5 |
| 387 | B. | -0.49 | +4.5 | 418 | Ll. | +0.27 | -1.0 | | R. | -0.48 | -1.5 |
| | R. | -0.69 | +0.6 | | R. | -0.25 | -1.7 | 448 | B. | +0.10 | -1.8 |
| 388 | B. | -0.52 | -7.4 | 419 | Ll. | -0.74 | +4.1 | 451 | Ll. | -0.71 | +7.1 |
| 389 | B. | -0.23 | -0.7 | | B. | -0.55 | -3.2 | | B. | -0.09 | -5.7 |
| | R. | -0.39 | -1.5 | 422 | Ll. | -0.86 | +1.3 | | R. | -0.35 | -4.8 |
| 391 | B. | +0.39 | -1.2 | | B. | -0.52 | -5.5 | 452 | B. | -0.20 | -4.2 |
| | R. | -0.14 | -4.0 | | R. | -0.41 | -4.3 | 453 | R. | +0.23 | -1.8 |
| 392 | R. | -0.82 | -0.7 | 423 | B. | -0.23 | -0.8 | 457 | B. | -0.26 | -0.6 |
| 395 | Ll. | -0.56 | +8.8 | | R. | -0.97 | -0.9 | 458 | B | -0.25 | -3.7 |
| | B. | -0.06 | +2.7 | 427 | B. | -0.18 | -0.2 | 461 | Ll. | -0.36 | +5.5 |
| | R. | -0.44 | +0.6 | | R. | +0.05 | -0.2 | 462 | B. | -0.07 | -3.5 |
| 396 | B. | -0.22 | -7.0 | 428 | B. | -0.12 | +0.4 | 463 | Ll. | -0.63 | +2.5 |
| | R. | -0.16 | — | | R. | -0.25 | -1.3 | | B. | -0.35 | -4.7 |
| 397 | Ll. | -0.33 | +5.8 | 430 | Ll. | -0.54 | +7.5 | 464 | Ll. | -0.59 | +5.4 |

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+21° +24°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 464 | B. | +0.21 | -4.5 | 500 | Ll. | -0.71 | +3.1 | 537 | R. | -0.38 | -0.4 |
| 465 | B. | -0.03 | -2.8 | | B. | -0.46 | +1.7 | 538 | Ll. | -0.51 | +0.9 |
| 466 | Ll. | -0.97 | -0.6 | | R. | -0.49 | -2.0 | | B. | -0.09 | -9.3 |
| | B. | +0.11 | -3.9 | 503 | B. | +0.02 | +0.1 | | R. | +0.04 | -9.1 |
| 473 | B. | -0.03 | -0.3 | 505 | B. | +0.08 | -1.2 | 539 | B. | +0.05 | -4.5 |
| 477 | B. | -0.19 | -5.9 | 508 | B. | -0.30 | -3.7 | | R. | +0.16 | -2.9 |
| 478 | B. | +0.06 | -5.4 | 511 | B. | -0.08 | +0.5 | 541 | B. | +0.06 | -4.4 |
| 480 | B. | +0.13 | -3.3 | | R. | -0.31 | -0.8 | | R. | -0.26 | -3.3 |
| 481 | B. | -0.84 | +5.3 | 512 | B. | -0.02 | -3.9 | 543 | R. | -0.36 | -2.1 |
| | R. | -0.41 | -4.3 | 514 | B. | -0.41 | -5.3 | 546 | Ll. | -0.25 | +2.2 |
| 482 | Ll. | -0.14 | +0.3 | | R. | -0.37 | -0.8 | | B. | -0.10 | -2.1 |
| | B. | -0.18 | -2.4 | 515 | Ll. | -0.31 | +2.8 | 549 | Ll. | -0.38 | +3.0 |
| 483 | Ll. | -0.41 | +3.3 | | B. | +0.06 | +8.2 | | B. | -0.02 | +0.8 |
| | B. | -0.85 | +4.7 | | R. | 0.00 | -2.0 | | R. | -0.27 | -5.6 |
| | R. | -0.51 | -3.2 | 516 | B. | +0.02 | -3.7 | 550 | R. | -0.36 | +53.4 |
| 485 | Ll. | -1.18 | -26.5 | 520 | Ll. | -0.20 | +5.1 | 551 | B. | +0.04 | -4.8 |
| 486 | Ll. | -0.70 | +2.8 | | B. | -0.28 | -1.2 | 553 | Ll. | -0.26 | +5.9 |
| | B. | +0.01 | +2.1 | 522 | R. | -0.42 | -0.2 | | B. | +0.10 | -2.5 |
| 489 | B. | -0.07 | -0.6 | 526 | Ll. | +0.31 | +2.9 | | R. | -0.26 | -2.8 |
| 491 | R. | -0.57 | -8.0 | | R. | -0.13 | -4.9 | 554 | Ll. | -0.92 | +4.1 |
| 492 | Ll. | -0.41 | +6.8 | 528 | R. | -0.22 | -0.9 | | B. | +0.14 | +3.5 |
| | B. | -0.05 | +0.6 | 530 | B. | +0.20 | -7.1 | 555 | Ll. | -0.70 | +3.3 |
| 494 | B. | -0.07 | +7.4 | 531 | B. | +0.10 | -5.2 | | B. | -0.26 | -1.7 |
| 495 | Ll. | -0.08 | +4.5 | 532 | Ll. | -0.97 | -0.8 | | R. | -0.57 | -1.2 |
| | B. | +0.23 | +1.0 | | B. | -0.15 | -5.2 | 558 | Ll. | +0.03 | +2.8 |
| 497 | Ll. | -0.68 | +2.0 | | R. | -0.23 | -3.3 | | B. | +0.38 | +5.3 |
| | B. | +0.08 | -0.3 | 533 | B. | +0.83 | -1.0 | 560 | B. | +0.37 | -6.1 |
| | R. | +0.10 | -0.8 | | R. | -0.36 | -5.2 | 561 | B. | +0.15 | -0.6 |
| 499 | B. | +0.10 | +4.9 | 535 | B. | -0.27 | +1.9 | 563 | Ll. | -0.13 | -6.9 |
| | R. | -0.04 | +1.2 | 536 | B. | +0.06 | -3.0 | | B. | -0.07 | +1.2 |
| 499 | B. | -0.13 | +0.9 | 537 | B. | +0.42 | +1.5 | 564 | Ll. | -0.15 | +1.0 |

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+21° +21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 566 | B. | -0.27 | -3.8 | 607 | B. | -0.12 | -5.0 | 26 | Ll. | +0.09 | -5.3 |
| 567 | B. | -0.73 | -3.8 | | R. | -0.24 | -3.0 | 27 | Ll. | -0.32 | -6.8 |
| 569 | Ll. | -0.62 | +3.3 | 610 | B. | +0.10 | -4.4 | 31 | Ll. | +0.02 | -5.4 |
| | B. | -0.15 | -2.2 | 612 | B. | -0.18 | -0.6 | 32 | Ll. | -1.37 | -0.6 |
| | R. | -0.22 | -2.7 | 613 | Ll. | -0.66 | +2.2 | 34 | Ll. | +0.23 | +2.7 |
| 570 | B. | +0.03 | -0.4 | | B. | -0.12 | -3.9 | 36 | Ll. | -0.39 | +2.4 |
| 571 | B. | -0.02 | -2.9 | 617 | B. | -0.37 | -4.4 | | B. | -0.33 | -0.8 |
| 574 | Ll. | -0.24 | +3.1 | 620 | R. | -0.37 | -1.1 | 41 | Ll. | -0.27 | -9.1 |
| | B. | +0.07 | -5.9 | 621 | B. | +0.32 | +1.5 | 44 | B. | +0.35 | -4.1 |
| | R. | -0.17 | -3.3 | 622 | Ll. | -1.24 | -5.3 | 45 | Ll. | -0.11 | +3.3 |
| 575 | B. | +0.90 | -4.6 | | B. | +0.21 | -4.3 | 46 | B. | -0.02 | -5.3 |
| 576 | B. | -0.18 | -1.9 | 623 | Ll. | -0.58 | +3.8 | 48 | Ll. | -0.15 | -4.1 |
| 580 | Ll. | -0.21 | +0.6 | | B. | +0.13 | -4.9 | 49 | Ll. | -0.47 | +2.1 |
| | B. | +0.02 | -2.4 | 625 | B. | -0.17 | -2.0 | 51 | Ll. | -0.12 | -10.7 |
| 584 | B. | -0.09 | -3.7 | 628 | B. | +0.24 | -0.4 | 52 | Ll. | -0.25 | -7.1 |
| 586 | B. | +0.09 | -4.2 | 629 | B. | -0.02 | +0.7 | 54 | B. | +0.35 | -1.2 |
| 588 | B. | +0.31 | -1.9 | | | | | 57 | Ll. | -0.41 | -4.7 |
| | R. | -0.41 | -1.5 | | | -15° bis -21° | | 61 | Ll. | -0.10 | -6.6 |
| 589 | B. | -0.27 | -1.8 | 1 | Ll. | +0.49 | +9.3 | 67 | B. | -0.57 | -3.3 |
| 592 | Ll. | -0.28 | +2.8 | 2 | B. | +0.01 | +0.4 | 68 | Ll. | -0.15 | -4.9 |
| | B. | -0.24 | +2.4 | 3 | Ll. | -1.36 | -3.9 | | B. | +0.01 | -9.5 |
| 594 | B. | +0.08 | -5.5 | 4 | Ll. | -0.20 | -0.8 | 80 | Ll. | -0.24 | +10.8 |
| 597 | B. | +0.48 | +3.3 | | B. | +0.22 | +1.1 | 81 | Ll. | -0.36 | +1.5 |
| 600 | R. | -0.04 | -4.3 | 8 | B. | +0.29 | +0.5 | | B. | -0.24 | -3.7 |
| 601 | B. | -0.07 | -1.9 | 9 | Ll. | -0.88 | -18.5 | 85 | B. | -0.66 | -1.3 |
| 604 | Ll. | -0.11 | +5.2 | 10 | Ll. | -0.99 | +3.0 | 86 | B. | -0.19 | -6.6 |
| | B. | +0.32 | -4.4 | | R. | -0.01 | +1.3 | 87 | Ll. | -0.12 | -0.5 |
| | R. | +0.12 | -0.2 | 16 | B. | -0.25 | +2.7 | 93 | B. | -0.02 | -2.2 |
| 605 | R. | -0.52 | +1.3 | 17 | Ll. | +0.06 | -6.2 | 94 | Ll. | -0.42 | +4.1 |
| 606 | B. | -0.18 | +0.4 | 22 | Ll. | -0.98 | -1.8 | 98 | Ll. | +0.01 | -3.7 |
| 607 | Ll. | -1.68 | +0.1 | 24 | Ll. | +0.94 | -7.4 | 99 | Ll. | -0.41 | +1.0 |



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-15° -21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 103 | B. | -0.″22 | -13.″9 | 164 | Ll. | +0.″04 | +0.″5 | 233 | Ll. | -0.″12 | +3.″0 |
| 104 | Ll. | +0.29 | -0.3 | 170 | Ll. | -0.55 | -3.9 | | R. | -0.29 | 0.0 |
| | B. | +0.43 | -6.3 | 171 | Ll. | -0.51 | -2.4 | 234 | Ll. | +0.72 | +3.3 |
| 107 | Ll. | -1.05 | -17.3 | 173 | B. | +0.10 | -0.7 | | B. | +0.35 | +0.4 |
| 108 | Ll. | -0.48 | -3.2 | 174 | Ll. | +0.23 | +2.0 | 236 | Ll. | +0.44 | +3.8 |
| 111 | B. | -0.38 | -4.5 | 176 | B. | +0.31 | -5.6 | 237 | Ll. | +0.46 | +3.3 |
| 112 | Ll. | -0.21 | +0.9 | 178 | Ll. | -0.55 | +8.9 | | B. | -0.26 | +12.6 |
| 113 | Ll. | -0.73 | -7.6 | 181 | Ll. | -0.08 | +2.7 | 239 | B. | -0.19 | -1.2 |
| | B. | -0.57 | -6.8 | 182 | Ll. | +0.43 | -4.2 | 240 | B. | -0.12 | 0.0 |
| 119 | Ll. | -0.42 | +4.6 | 183 | Ll. | +1.43 | -8.4 | 241 | B. | -0.07 | -2.4 |
| | B. | -0.06 | -3.4 | 185 | Ll. | -0.12 | +1.3 | 242 | Ll. | -35.86 | +3.8 |
| 120 | Ll. | -0.41 | +5.0 | | B. | -0.07 | -1.1 | 254 | Ll. | -0.14 | +8.1 |
| | B. | -0.34 | -4.7 | 186 | Ll. | +0.19 | -0.8 | 255 | Ll. | -0.39 | -6.8 |
| 121 | Ll. | +0.07 | 0.0 | 187 | Ll. | -6.68 | -2.8 | 256 | Ll. | 0.00 | -1.1 |
| | B. | -0.15 | -5.1 | | B. | +0.13 | -4.5 | | B. | +0.29 | -2.5 |
| 125 | Ll. | -0.52 | +1.3 | 188 | Ll. | -0.35 | -3.8 | 264 | Ll. | +0.64 | +2.7 |
| 132 | Ll. | -0.05 | +32.7 | 197 | Ll. | -0.17 | -0.3 | 270 | Ll. | -0.59 | -1.2 |
| | B. | -0.40 | -4.3 | 204 | Ll. | -0.15 | -7.9 | 271 | Ll. | +0.89 | +3.8 |
| 133 | Ll. | -1.00 | -6.4 | 207 | Ll. | -0.48 | -1.1 | | B. | +0.85 | -0.8 |
| 134 | Ll. | -0.57 | +3.4 | | B. | -0.29 | -3.1 | 272 | Ll. | -0.55 | +5.7 |
| 135 | Ll. | -1.00 | -2.9 | 208 | Ll. | +0.03 | -3.8 | 273 | Ll. | -0.71 | +6.3 |
| 137 | Ll. | -0.19 | +3.4 | 209 | Ll. | +0.23 | +4.3 | 274 | Ll. | -1.16 | +2.7 |
| 141 | B. | -0.09 | -0.3 | | R. | -0.12 | +2.6 | 275 | Ll. | -1.46 | -8.4 |
| 143 | B. | -0.64 | -6.1 | 214 | Ll. | -0.43 | +2.0 | 278 | B. | -0.48 | +1.7 |
| 144 | B. | -0.55 | -3.8 | 215 | Ll. | -0.27 | +0.1 | 279 | Ll. | -0.26 | -1.9 |
| 145 | B. | -0.82 | +30.5 | | B. | -0.08 | +1.8 | 280 | Ll. | +0.67 | -3.1 |
| 147 | B. | -0.40 | -6.4 | 219 | Ll. | -0.36 | +4.4 | 281 | Ll. | +0.70 | -3.3 |
| 150 | Ll. | +0.10 | -4.1 | 220 | Ll. | +0.16 | +1.4 | 283 | Ll. | +0.85 | +6.0 |
| 161 | Ll. | +0.10 | -4.1 | 227 | Ll. | +0.65 | +7.3 | | B. | +0.38 | -1.8 |
| 163 | Ll. | +0.16 | +4.6 | 228 | Ll. | -0.34 | -0.7 | 285 | Ll. | +0.35 | +1.9 |
| | B. | +0.06 | -1.5 | 229 | Ll. | -0.37 | +6.4 | 286 | Ll. | +0.03 | -3.4 |

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-15° -21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 287 | Ll. | +0.24 | +3.4 | 350 | R. | +0.02 | -5.8 | 407 | Ll. | +0.39 | 0.0 |
| | B. | +0.31 | -1.7 | 353 | Ll. | +0.54 | -1.5 | 412 | Ll. | +0.42 | -4.7 |
| 290 | B. | +0.10 | -1.4 | 354 | Ll. | -0.52 | -0.3 | 414 | Ll. | +0.01 | -5.7 |
| 291 | Ll. | +0.27 | +1.5 | | R. | -1.43 | -0.1 | 415 | Ll. | +0.14 | -1.7 |
| 292 | Ll. | +0.42 | +4.8 | 356 | R. | -0.65 | +3.9 | 417 | Ll. | -0.13 | 0.0 |
| 293 | Ll. | +0.19 | +4.5 | 360 | R. | -0.02 | -2.6 | 421 | Ll. | +0.22 | +7.5 |
| | B. | +0.41 | -3.3 | 363 | Ll. | -0.19 | +8.3 | 424 | Ll. | +0.13 | -2.0 |
| 294 | B. | +0.45 | -6.0 | 364 | Ll. | +0.11 | -12.1 | 425 | B. | +0.17 | 0.0 |
| 297 | Ll. | +0.59 | -2.3 | 365 | Ll. | -0.31 | +4.6 | 428 | Ll. | -0.04 | -0.9 |
| | B. | +0.68 | -3.9 | 366 | Ll. | +0.49 | +1.9 | 433 | B. | +0.98 | -0.7 |
| 298 | B. | +0.29 | -5.1 | 367 | Ll. | -0.96 | +2.2 | 435 | Ll. | -1.22 | -2.3 |
| 299 | Ll. | +0.55 | -5.7 | 370 | Ll. | -0.03 | -4.5 | 438 | Ll. | +0.07 | -5.6 |
| 301 | B. | +0.30 | -10.2 | 372 | Ll. | +0.15 | +3.3 | 440 | Ll. | +0.30 | +11.7 |
| 307 | B. | +0.17 | -4.2 | | R. | -0.16 | -3.1 | 441 | Ll. | +0.46 | -1.3 |
| 314 | B. | +0.12 | -3.0 | 375 | Ll. | +0.76 | -9.1 | 442 | Ll. | +0.19 | +2.1 |
| 315 | B. | +0.35 | -4.1 | | R. | +0.15 | -1.3 | 443 | Ll. | -0.28 | +9.7 |
| 321 | Ll. | +0.59 | +1.1 | 377 | Ll. | +0.13 | +12.9 | 445 | Ll. | -0.12 | -2.6 |
| | B. | +0.77 | -3.7 | | B. | +0.37 | -1.6 | 448 | Ll. | +0.22 | +4.5 |
| 327 | Ll. | +0.66 | +4.3 | 378 | Ll. | +0.55 | -2.3 | 449 | Ll. | +0.01 | -1.5 |
| 328 | Ll. | -0.08 | -0.1 | 381 | Ll | +0.38 | +5.0 | 455 | Ll. | -0.07 | +8.8 |
| 330 | Ll. | -0.27 | — | 389 | Ll. | +0.57 | -1.0 | 456 | Ll. | -0.26 | -4.5 |
| 334 | B. | +0.07 | -3.1 | | R. | +0.46 | -3.3 | 457 | Ll. | +0.06 | -0.9 |
| 340 | Ll. | -0.06 | +1.3 | 390 | Ll. | +0.33 | -0.6 | 459 | Ll. | +0.28 | -1.1 |
| 341 | Ll. | +0.21 | +5.8 | 394 | Ll. | +0.24 | +0.8 | 462 | Ll. | -0.07 | -1.8 |
| | B. | -0.17 | -4.4 | 396 | Ll. | +0.41 | -11.1 | 463 | Ll. | +0.59 | -12.0 |
| 342 | Ll. | +0.32 | -1.7 | 397 | Ll. | +0.13 | +0.9 | 464 | Ll. | +0.18 | -4.0 |
| 343 | Ll. | -0.35 | -4.5 | 400 | Ll. | +0.18 | +10.6 | 465 | Ll. | +0.10 | -0.9 |
| | B. | +0.52 | +1.0 | 402 | Ll. | +0.01 | +10.7 | 468 | Ll. | +0.20 | -0.1 |
| 347 | R. | -0.17 | -4.8 | 403 | Ll. | -0.12 | +90.1 | | R. | +0.35 | -6.8 |
| 348 | B. | +0.10 | -0.8 | 404 | Ll. | -0.28 | +6.6 | 471 | Ll. | +0.11 | -4.5 |
| 350 | Ll. | +0.02 | +3.4 | 405 | Ll. | -0.41 | +3.8 | 475 | Ll. | +0.46 | +10.1 |

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-15° -21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 478 | Ll. | -0.56 | -0.3 | 556 | Ll. | -0.36 | +2.8 | 619 | Ll. | -0.03 | +11.4 |
| 480 | Ll | +0.88 | -0.3 | 557 | Ll. | +0.65 | +8.6 | 621 | Ll. | +0.23 | +5.4 |
| 481 | Ll. | -0.09 | +5.2 | 562 | Ll. | -0.17 | +6.1 | 623 | Ll. | -0.08 | +12.2 |
| 485 | Ll. | +0.18 | +1.2 | | R. | -0.11 | +0.9 | 625 | Ll. | +0.14 | +9.8 |
| 486 | Ll. | -0.27 | +4.3 | 563 | Ll. | +0.26 | +3.2 | 627 | Ll. | +0.03 | +4.7 |
| 487 | Ll. | +0.23 | +2.9 | 564 | Ll. | +0.39 | -3.9 | 629 | Ll. | +0.16 | +10.8 |
| 488 | Ll. | +0.21 | +5.0 | | B. | +0.11 | -6.7 | 630 | Ll. | +0.15 | +6.5 |
| 491 | B. | +0.01 | -2.6 | 565 | Ll. | +0.36 | -6.7 | 631 | Ll. | -0.13 | +7.2 |
| 495 | Ll. | +0.44 | -3.0 | 569 | Ll. | -0.30 | +6.9 | 640 | Ll. | +0.29 | -10.8 |
| 498 | Ll. | +0.46 | +2.3 | 571 | Ll. | +0.16 | -1.4 | 642 | Ll. | +0.15 | +6.2 |
| 499 | Ll. | +0.18 | -3.4 | 572 | Ll. | +0.04 | -1.3 | 648 | Ll. | +0.20 | -6.0 |
| 501 | B. | -0.06 | +4.4 | 575 | Ll. | +0.24 | +16.9 | | B. | +0.13 | -2.7 |
| 502 | B. | +0.50 | -11.3 | 576 | Ll. | +0.39 | +7.3 | 654 | Ll. | +0.24 | +2.1 |
| 505 | Ll. | +0.40 | +3.7 | 578 | Ll. | -0.04 | -1.9 | 661 | Ll. | -0.05 | +12.8 |
| 506 | Ll. | +0.74 | -0.8 | 587 | Ll. | +0.27 | +3.5 | 663 | Ll. | -0.11 | -4.5 |
| 513 | Ll. | -0.17 | -0.3 | 589 | Ll. | +0.52 | +6.8 | 669 | Ll. | +0.40 | -7.3 |
| 515 | Ll. | -0.45 | +2.0 | 590 | Ll. | +0.94 | -5.5 | 671 | Ll. | +0.42 | -1.6 |
| 521 | B. | -1.17 | -5.3 | | B. | +0.29 | -4.4 | 678 | Ll. | -0.33 | +3.8 |
| 523 | Ll. | +0.22 | +1.2 | 591 | Ll. | -0.07 | -4.1 | 684 | B. | 0 00 | -3.4 |
| 527 | Ll. | -0.09 | +9.0 | | B: | -0.58 | -2.9 | 685 | B. | +0.09 | -0.1 |
| 530 | Ll. | +0.50 | +5.1 | 595 | Ll. | +0.09 | +4.5 | 689 | Ll. | +0.13 | +5.8 |
| 531 | Ll. | -0.01 | -1.2 | 596 | Ll. | -0.71 | +3.0 | 691 | Ll. | +0.07 | +1.9 |
| 537 | Ll. | +0.36 | +2.1 | 600 | Ll. | 0.00 | -5.5 | 693 | Ll. | +0.14 | +6.9 |
| 542 | Ll. | +0.24 | +2.6 | 601 | Ll. | -0.06 | -0.3 | 698 | Ll. | -0.17 | -11.0 |
| 544 | Ll. | 0.00 | -0.5 | 602 | Ll. | -0.11 | +4.7 | 699 | Ll. | +0.22 | -1.0 |
| 547 | Ll. | -0.32 | +9.2 | 609 | Ll. | +0.07 | +5.5 | 700 | Ll. | +0.14 | +3.7 |
| 550 | Ll. | +0.29 | +3.0 | 610 | Ll. | +0.18 | +9.3 | 701 | Ll. | -0.12 | -5.4 |
| 551 | Ll. | +0.51 | +3.4 | 611 | Ll. | -0.08 | +2.2 | 708 | Ll. | -0.59 | +9.0 |
| 552 | Ll | -0.05 | 0.0 | 614 | Ll. | +1.08 | +9.2 | 709 | Ll. | +0.20 | +9.7 |
| 553 | Ll. | +0.36 | + 6.7 | 615 | Ll. | +0.38 | +5.8 | 711 | Ll. | +0.41 | +12.1 |
| 555 | Ll. | +0.40 | -2.5 | 616 | Ll. | -0.01 | +4.5 | 720 | Ll. | -0.47 | +4.4 |

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-21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 721 | Ll. | +0.24 | -11.7 | 806 | Ll. | +0.42 | +7.4 | 928 | Ll. | +0.12 | +7.2 |
| 722 | Ll. | +0.76 | -9.9 | 807 | Ll. | -0.10 | +1.5 | 930 | Ll. | -0.06 | +4.3 |
| 724 | Ll. | +0.41 | +6.5 | 815 | Ll. | +0.38 | +6.5 | 931 | Ll. | -0.14 | +8.2 |
| 725 | Ll. | 0.00 | -15.0 | 816 | Ll. | +0.95 | -1.8 | 932 | B. | +0.17 | -2.7 |
| 727 | Ll. | -0.27 | +13.0 | 817 | Ll. | +0.40 | -8.6 | 933 | Ll. | -0.06 | -10.7 |
| 729 | Ll. | -0.13 | +2.9 | 819 | Ll. | +0.38 | -11.7 | 937 | Ll. | -0.32 | +7.1 |
| 730 | B. | +0.21 | -0.5 | 821 | Ll. | +0.30 | +8.9 | 942 | Ll. | -0.31 | +14.1 |
| 733 | Ll. | +0.37 | +0.2 | 823 | Ll. | +0.12 | +6.4 | 943 | Ll. | +0.11 | +3.6 |
| 735 | Ll. | -0.09 | +2.3 | 826 | Ll. | +0.55 | +4.7 | 948 | Ll. | -0.23 | +6.3 |
| 737 | Ll. | -0.01 | +2.2 | 831 | Ll. | +0.40 | +4.5 | 950 | Ll. | -0.04 | +5.2 |
| 739 | Ll. | +0.10 | +3.7 | 841 | Ll. | +0.33 | +6.3 | 952 | Ll. | +0.42 | +2 4 |
| 743 | Ll. | +0.30 | +1.1 | 843 | Ll. | +0.48 | +6.1 | 964 | Ll. | -0.32 | +5.3 |
| 747 | Ll. | -0.03 | +1.7 | 849 | Ll. | +0.57 | -2.8 | | R. | +0.07 | +2.0 |
| | B. | +0.12 | -0.9 | 858 | Ll. | +0.33 | -1.9 | 965 | Ll. | 0.00 | +10.3 |
| 748 | Ll. | +0.12 | +0.9 | 863 | Ll. | -0.78 | +2.5 | 971 | Ll. | +0.21 | -0.1 |
| 753 | Ll. | +0.44 | +7.2 | 867 | R. | -0.01 | +4.4 | | R. | -0.05 | -0.7 |
| 755 | Ll. | +0.33 | +6.5 | 868 | Ll. | +0.54 | +4.8 | 977 | Ll. | -0.50 | +3.3 |
| 759 | Ll. | +0.43 | +9.1 | 873 | Ll. | -0.15 | +3.2 | | R. | -0.34 | -4.2 |
| 760 | Ll. | +0.57 | -7.5 | 883 | Ll. | -0.07 | +7.7 | 984 | Ll. | +0.25 | +3.2 |
| 761 | Ll. | +0.40 | +4.2 | 884 | Ll. | +0.16 | +7.2 | | R. | 0.00 | +0.5 |
| 765 | Ll. | +0.74 | -7.1 | 891 | Ll. | -0.05 | +4.2 | 991 | Ll. | -0.81 | +8.3 |
| 772 | R. | -0.22 | -4.0 | 893 | Ll. | -0.09 | +4.3 | 992 | Ll. | +0.08 | +10.7 |
| 774 | Ll. | +0.55 | -2.1 | 903 | Ll. | +0.41 | +4.3 | 1002 | Ll. | +0.33 | +6.6 |
| 776 | Ll. | -0.21 | +3.8 | 907 | Ll. | -0.35 | +4.8 | 1024 | R. | +0.22 | -2.4 |
| 778 | Ll. | -0.06 | +4.6 | 910 | Ll. | +0.45 | +13.9 | 1047 | Ll. | -0.20 | +4.3 |
| 779 | Ll. | -0.03 | +1.3 | 914 | Ll. | +0.05 | +4.6 | 1048 | Ll. | -0.66 | -1.0 |
| 786 | Ll. | +0.24 | -2.3 | 915 | Ll. | -0.07 | +7.9 | 1049 | Ll. | -0.25 | +5.5 |
| 789 | Ll. | +0.40 | +0.3 | 917 | Ll. | -0.19 | +4.0 | 1058 | Ll. | +0.17 | +9.1 |
| 796 | Ll. | +0.30 | +4.5 | 921 | Ll. | +0.23 | -1.8 | 1059 | Ll. | +0.33 | +6.3 |
| 799 | Ll. | -0.03 | -0.7 | 923 | Ll. | +0.35 | +7.6 | 1065 | Ll. | -0.06 | +8.1 |
| 804 | Ll. | +0.51 | +4.0 | 926 | Ll. | -0.24 | +10.7 | 1067 | Ll. | +0.18 | +11.6 |

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-15° -21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1072 | Ll. | -0.″24 | +2.″5 | 1193 | R. | +0.″04 | +0.″6 | 1258 | R. | -0.″15 | -6.″3 |
| 1079 | B. | -0.31 | +1.1 | 1194 | Ll. | -0.03 | +7.9 | 1259 | Ll. | +0.46 | +6.7 |
| 1080 | Ll. | +0.44 | +6.7 | | R. | +0.08 | -9.4 | 1261 | B. | +0.18 | -3.5 |
| 1087 | Ll. | -0.76 | +10.8 | 1196 | Ll. | +0.14 | +1.8 | 1263 | B. | +0.05 | -1.5 |
| 1088 | Ll. | +0.03 | +6.1 | | R. | +1.52 | +8.0 | 1264 | B. | -0.15 | -1.8 |
| 1090 | Ll. | +0.12 | +5.0 | 1197 | Ll. | +0.26 | +6.9 | 1270 | B. | +0.67 | -5.9 |
| 1099 | Ll. | +0.13 | +6.8 | | R. | -1.08 | 0.0 | 1271 | Ll. | +0.57 | +2.8 |
| 1103 | Ll. | +0.03 | +3.4 | 1208 | Ll. | +0.09 | +7.0 | 1272 | B. | -0.41 | -4.1 |
| 1107 | Ll. | +0.15 | +11.2 | | R. | +0.18 | +1.9 | 1274 | Ll. | -0.19 | -3.8 |
| 1121 | Ll. | -0.26 | +3.9 | 1211 | Ll. | -0.11 | -0.3 | 1280 | Ll. | +0.10 | +3.2 |
| 1125 | Ll. | +0.02 | +7.8 | 1213 | Ll. | +0.26 | +8.0 | 1281 | R. | +0.01 | +2.8 |
| 1128 | Ll. | +0.05 | -1.0 | 1214 | Ll. | +0.23 | +6.6 | 1283 | Ll. | +0.25 | +3.9 |
| 1134 | Ll. | +0.35 | +12.3 | 1220 | Ll. | +0.03 | +5.4 | 1284 | Ll. | +0.02 | +7.9 |
| 1139 | Ll. | +0.51 | +5.8 | | R. | -0.05 | -0.1 | 1285 | B. | -0.04 | -0.2 |
| 1144 | Ll. | +0.25 | +6.8 | 1221 | Ll. | -0.18 | +6.2 | 1288 | Ll. | -0.84 | +6.0 |
| 1149 | Ll. | +0.10 | +3.2 | 1222 | Ll. | +0.69 | +5.8 | 1291 | Ll. | +0.09 | +7.4 |
| 1158 | Ll. | +0.46 | +9.5 | 1227 | R. | -0.76 | -3.3 | 1295 | R. | -0.14 | +5.0 |
| 1161 | Ll. | -0.15 | +5.5 | 1228 | Ll. | -0.13 | +4.0 | 1296 | Ll. | -0.06 | +11.7 |
| | R. | -0.69 | — | 1231 | Ll. | +0.18 | +1.8 | | R. | +0.13 | -0.7 |
| 1164 | Ll. | +0.26 | +1.2 | 1238 | Ll. | +0.19 | +2.5 | 1298 | Ll. | +0.16 | +2.7 |
| | R. | -0.10 | -3.0 | 1239 | Ll. | -0.02 | +0.9 | 1299 | Ll. | +0.13 | +6.7 |
| 1170 | Ll. | -0.16 | +0.5 | | B. | -0.58 | -9.0 | 1301 | Ll. | -4.54 | +8.5 |
| 1171 | B. | -0.13 | +0.1 | 1241 | Ll. | -0.11 | -0.2 | 1302 | Ll. | +0.36 | +0.3 |
| 1173 | Ll. | +0.41 | +5.4 | 1242 | Ll. | +0.53 | +13.8 | 1305 | Ll. | +0.51 | +1.6 |
| 1174 | Ll. | -0.04 | +5.7 | | R. | +0.27 | -0.1 | 1306 | Ll. | -0.52 | -3.5 |
| 1178 | Ll. | +0.27 | +6.8 | 1243 | B. | +0.32 | -4.3 | 1307 | Ll. | +0.26 | +2.2 |
| | R. | -0.14 | -0.1 | 1244 | Ll. | -0.48 | +7.9 | 1309 | R. | -0.21 | -3.6 |
| 1180 | Ll. | +0.27 | +8.1 | 1245 | B. | +3.33 | +36.0 | 1310 | Ll. | +0.22 | +3.4 |
| 1182 | Ll. | +0.03 | +6.5 | 1246 | Ll. | 0.00 | +24.7 | 1311 | Ll. | -0.44 | +3.7 |
| 1184 | Ll. | +0.28 | +3.1 | 1253 | Ll. | +0.33 | +2.3 | 1313 | Ll. | -0.03 | +1.8 |
| 1193 | Ll. | +0.34 | +8.4 | 1258 | B. | -3.17 | -4.8 | 1317 | R. | -0.14 | +2.1 |

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-15° -21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1319 | Ll. | +0.25 | +2.0 | 1361 | R. | -0.09 | — | 1393 | Ll. | +0.25 | +5.4 |
| | B. | +0.22 | -0.5 | 1362 | R. | -0.06 | -1.6 | 1394 | R. | -0.45 | -3.2 |
| 1320 | Ll. | +1.50 | +5.9 | 1363 | R. | +0.32 | -1.9 | 1396 | R. | -0.03 | -1.1 |
| 1323 | Ll. | +0.28 | -0.8 | 1364 | Ll. | +0.31 | +2.6 | 1401 | Ll. | +0.10 | +4.5 |
| | R. | +0.20 | -6.0 | 1366 | Ll. | -0.62 | +5.8 | | R. | +0.36 | -2.5 |
| 1326 | Ll. | 0.00 | +1.7 | | R. | -0.16 | -3.5 | 1402 | Ll. | -0.10 | +2.0 |
| 1328 | Ll. | +0.72 | +3.9 | 1367 | R. | +0.15 | +0.7 | | R. | -0.03 | -3.3 |
| | R. | +0.15 | -1.0 | 1368 | Ll. | +0.08 | -1.8 | 1403 | Ll. | +0.91 | +8.3 |
| 1329 | Ll. | -0.12 | +12.2 | 1370 | Ll. | -0.49 | +23.0 | 1404 | Ll. | -0.94 | +18.1 |
| 1331 | B. | +0.26 | -4.8 | | B. | +0.01 | +0.5 | 1406 | Ll. | +0.29 | +4.3 |
| 1334 | Ll. | +0.29 | +12.4 | 1371 | R. | +0.96 | -3.9 | 1411 | Ll. | +0.28 | +4.4 |
| 1336 | Ll. | +0.52 | +7.0 | 1373 | B. | +0.11 | -4.9 | 1413 | Ll. | +0.20 | +41.8 |
| 1337 | Ll. | -0.40 | +14.1 | 1374 | B. | -0.04 | -1.8 | 1414 | Ll. | -0.04 | +4.7 |
| 1338 | Ll. | +1.03 | -1.8 | | R. | +0.05 | -1.4 | | R. | +0.46 | +3.2 |
| 1340 | R. | +0.15 | +6.7 | 1376 | B. | -0.24 | -1.0 | 1416 | Ll. | -0.01 | -0.4 |
| 1341 | R. | +0.15 | +2.4 | 1378 | R. | +0.30 | +3.4 | 1425 | R. | +0.50 | +8.9 |
| 1342 | Ll. | +0.22 | +0.2 | 1379 | Ll. | +0.17 | +2.2 | 1427 | Ll. | +0.22 | -4.1 |
| 1343 | B. | -0.03 | -3.0 | | R. | +0.20 | +1.4 | | R. | -0.04 | +0.3 |
| | R. | -0.84 | +8.5 | 1380 | Ll. | -0.26 | +4.6 | 1430 | Ll. | +0.49 | -2.4 |
| 1345 | Ll. | -0.24 | -0.4 | | R. | 0.00 | -3.3 | 1431 | Ll. | -0.34 | +3.6 |
| | B. | -0.29 | -3.8 | 1381 | Ll. | +0.18 | +10.8 | | R. | -0.22 | -3.8 |
| 1346 | Ll. | -0.02 | +3.4 | 1382 | Ll. | +0.35 | +4.8 | 1432 | R. | +0.31 | -6.6 |
| | R. | +0.35 | -1.8 | | R. | +0.23 | -1.0 | 1433 | Ll. | -0.24 | -0.3 |
| 1352 | R. | +0.18 | -4.1 | 1384 | R. | -0.38 | -3.8 | | B. | +0.28 | -2.7 |
| 1355 | R. | +0.24 | -0.2 | 1385 | R. | +0.43 | +2.2 | | R. | -0.11 | -5.1 |
| 1356 | Ll. | -0.11 | 0.0 | 1389 | Ll. | -0.06 | +7.9 | 1435 | R. | +0.22 | -1.5 |
| | B. | -0.18 | 0.0 | | B. | +0.26 | -3.7 | 1436 | Ll. | +0.21 | +4.1 |
| | R. | +0.21 | -2.9 | | R. | +0.11 | +1.0 | | R. | +0.28 | -6.5 |
| 1358 | R. | +0.14 | +5.8 | 1390 | R. | -0.05 | +2.7 | 1441 | Ll. | -0.70 | +2.1 |
| 1359 | R. | -0.39 | +0.2 | 1391 | Ll. | -0.55 | +4.9 | | R. | -0.08 | -1.8 |
| 1360 | Ll. | -0.29 | -0.5 | | R. | -0.26 | -1.6 | 1442 | B. | +0.73 | +0.5 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1444 | Ll. | +0.30 | +7.2 | 1480 | Ll. | +0.24 | +11.1 | 1508 | R. | +0.25 | -1.2 |
| | B. | +0.61 | -1.3 | | B. | +0.53 | +1.7 | 1509 | Ll. | +0.98 | -2.9 |
| | R. | -0.11 | -1.2 | | R. | +0.12 | +3.5 | | R. | -0.05 | +4.1 |
| 1445 | Ll. | +0.64 | -0.6 | 1481 | B. | +0.12 | -6.1 | 1513 | Ll. | +0.77 | +0.9 |
| 1448 | Ll. | +0.19 | +0.7 | 1482 | Ll. | -0.22 | +8.1 | | R. | -0.06 | +1.6 |
| | R. | +0.05 | -7.6 | | R. | -0.17 | -1.0 | 1514 | Ll. | +0.64 | +0.5 |
| 1449 | Ll. | +0.46 | +5.2 | 1483 | Ll. | -0.09 | +4.0 | 1515 | Ll. | +0.17 | -1.1 |
| | R. | 0.00 | -1.0 | | B. | +0.21 | +1.3 | 1519 | Ll. | +0.52 | -2.1 |
| 1453 | Ll. | +0.40 | -0.6 | 1484 | B. | +0.13 | +2.9 | 1522 | Ll. | -0.02 | +13.5 |
| 1454 | Ll. | +0.20 | +5.9 | 1485 | Ll. | +0.16 | +4.3 | 1523 | Ll. | +0.79 | +7.0 |
| | B. | +0.41 | -1.6 | | B. | -0.11 | -8.3 | | R. | +0.33 | -3.0 |
| | R. | -0.06 | -1.4 | 1486 | Ll. | -0.54 | +4.8 | 1525 | Ll. | +0.23 | +4.4 |
| 1455 | R. | +0.20 | +2.5 | | B. | +0.05 | -4.9 | 1530 | Ll. | -0.17 | +1.4 |
| 1459 | R. | +0.33 | -2.0 | 1487 | B. | -0.35 | -3.0 | 1533 | Ll. | +0.40 | +10.4 |
| 1460 | Ll. | -0.12 | +12.5 | 1488 | Ll. | -0.34 | +0.7 | 1537 | Ll. | -0.18 | +8.3 |
| | R. | +0.01 | -1.1 | 1489 | Ll. | -1.13 | -3.6 | 1538 | Ll. | +0.34 | +9.7 |
| 1461 | Ll. | -1.40 | +18.9 | 1490 | Ll. | -0.80 | -3.1 | 1541 | Ll. | -0.11 | +7.4 |
| | R. | -0.18 | +4.5 | 1491 | Ll. | -0.01 | +2.2 | 1542 | Ll. | -0.19 | +13.2 |
| 1462 | B. | +0.31 | -6.9 | 1492 | Ll. | +0.35 | +3.5 | 1544 | Ll. | -0.23 | +4.1 |
| 1463 | R. | +0.08 | -6.2 | | R. | +0.37 | +2.0 | 1551 | Ll. | +0.45 | +1.4 |
| 1468 | Ll. | +0.39 | +4.6 | 1495 | Ll. | +0.69 | +9.3 | 1552 | Ll. | -0.39 | +5.7 |
| | R. | +0.17 | -5.2 | 1497 | Ll. | -0.27 | +10.1 | 1554 | Ll. | -0.01 | +4.0 |
| 1469 | B. | +0.18 | -4.5 | | B. | +0.55 | +9.4 | 1557 | Ll. | +0.53 | +2.0 |
| 1470 | Ll. | +0.49 | +2.7 | 1498 | Ll. | +0.30 | -6.1 | 1567 | B. | -0.60 | -5.7 |
| | R. | -0.34 | -9.3 | | R. | -0.17 | -2.8 | 1568 | Ll. | -1.15 | +2.7 |
| 1471 | Ll. | -0.31 | +5.3 | 1500 | R. | -0.23 | -2.3 | | B. | -0.67 | -5.6 |
| | R. | -0.01 | +1.6 | 1502 | Ll. | +0.86 | +0.2 | 1570 | Ll. | -0.58 | +0.3 |
| 1473 | Ll. | +0.46 | -10.8 | | R. | +0.28 | -6.1 | | B. | -0.58 | -7.7 |
| | R. | +0.09 | -10.7 | 1504 | R. | +0.40 | +1.9 | 1572 | Ll. | +0.50 | -4.3 |
| 1474 | R. | -0.28 | +3.0 | 1506 | Ll. | +0.93 | +5.6 | 1573 | Ll. | +0.95 | +4.3 |
| 1476 | Ll. | +0.69 | -3.8 | 1507 | R. | -0.06 | +1.2 | 1576 | Ll. | -0.60 | -0.5 |

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-15° -21°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1579 | Ll. | -0.″72 | -3.″6 | 18 | Ll. | -0.″42 | +3.″8 | 134 | Ll. | -0.″25 | +6.″8 |
| 1581 | Ll. | -1.36 | +19.6 | 24 | Ll. | +0.03 | +4.0 | 136 | Ll. | -0.07 | +3.2 |
| 1582 | Ll. | -0.41 | -3.7 | 27 | Ll. | -0.05 | +1.0 | 137 | Ll. | -0.01 | +5.4 |
| 1587 | Ll. | -0.37 | +4.4 | 33 | Ll. | -0.26 | +4.3 | 139 | Ll. | +0.46 | +4.2 |
| 1588 | Ll. | -0.41 | +5.9 | 35 | Ll. | -0.28 | +8.9 | 140 | Ll. | 0.00 | +6.1 |
| 1589 | Ll. | +0.46 | +3.8 | 53 | Ll. | -0.01 | +1.7 | 143 | Ll. | +0.55 | +7.8 |
| 1591 | Ll. | -0.15 | +7.6 | 55 | Ll. | +0.28 | +5.7 | 144 | Ll. | -0.50 | +5.8 |
| 1593 | Ll. | -0.63 | +6.7 | 65 | Ll. | -0.16 | +3.4 | | R. | -0.05 | +8.6 |
| | R. | -0.31 | +3.3 | 67 | Ll. | -0.15 | +5.5 | 146 | Ll. | -0.20 | +0.8 |
| 1599 | Ll. | -0.99 | +7.3 | 75 | Ll. | -0.69 | +6.8 | 152 | Ll. | -0.32 | +11.1 |
| | R. | -0.67 | +6.7 | 77 | Ll. | -0.42 | +9.8 | 154 | Ll. | -0.25 | +12.8 |
| 1607 | Ll. | -0.24 | +9.1 | 78 | Ll. | +0.19 | +6.0 | 157 | Ll. | -0.35 | +8.0 |
| 1609 | Ll. | -0.23 | +14.5 | 84 | Ll. | -0.45 | +3.6 | | R. | +0.14 | 0.0 |
| 1611 | Ll. | +0.02 | -0.3 | 85 | Ll. | -0.22 | +6.8 | 162 | Ll. | -0.23 | +14.2 |
| | R. | -0.03 | -8.1 | 86 | Ll. | -0.15 | -3.9 | 167 | Ll. | +0.07 | +5.3 |
| 1612 | Ll. | -0.30 | +2.3 | 88 | Ll. | -0.14 | +3.3 | 169 | Ll. | -0.25 | +8.1 |
| | R. | 0.00 | -0.3 | 89 | Ll. | -0.18 | +2.7 | 174 | Ll. | -0.06 | +4.6 |
| 1613 | R. | -0.33 | +1.7 | 93 | Ll. | -0.50 | +2.4 | 178 | Ll. | -0.30 | +1.9 |
| 1614 | Ll. | +0.04 | +6.0 | 94 | Ll. | -0.28 | -3.8 | 182 | Ll. | +0.01 | +4.7 |
| | B. | -0.12 | -4.0 | 102 | Ll. | +0.18 | +3.9 | 192 | Ll. | -0.26 | +0.4 |
| | R. | -0.18 | +2.9 | 103 | Ll. | -0.64 | +2.7 | 194 | Ll. | -0.47 | +7.2 |
| 1620 | Ll. | +0.54 | +1.3 | 105 | Ll. | +0.39 | +5.2 | | R. | -0.14 | -2.2 |
| 1261 | Ll. | +0.22 | +5.7 | 112 | Ll. | +0.65 | +3.1 | 195 | Ll. | +0.03 | +5.9 |
| | | | | 114 | Ll. | +0.95 | +13.7 | 199 | Ll. | +0.13 | +10.9 |
| | | -21° bis -27° | | 116 | Ll. | -0.13 | +5.1 | 203 | Ll. | +0.07 | -2.9 |
| 5 | Ll. | -0.35 | +4.7 | 124 | Ll. | +0.08 | +6.6 | 205 | Ll. | -0.32 | -0.8 |
| 10 | Ll. | -0.38 | +2.6 | 127 | Ll. | +0.19 | +10.2 | 214 | Ll. | +0.32 | +7.5 |
| 11 | Ll. | -0.25 | +8.2 | 128 | Ll. | +0.02 | +8.7 | 215 | Ll. | +0.48 | +5.7 |
| 12 | Ll. | -0.09 | +4.2 | 129 | Ll. | +0.45 | +5.2 | 219 | Ll. | -0.14 | +4.9 |
| 14 | Ll. | +0.06 | +6.3 | 130 | Ll. | -0.25 | +3.6 | 224 | Ll. | +0.01 | +14.2 |
| 15 | Ll. | -0.06 | +3.6 | | R. | -0.06 | -2.2 | | R. | -0.14 | +1.5 |



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| Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|
| 227 | Ll. | -0.″11 | +″15.1 |
| 236 | R. | -0.38 | +3.8 |
| 237 | Ll. | -0.29 | +0.9 |
| 244 | Ll. | +0.19 | +3.2 |
| 245 | Ll. | -0.25 | -3.4 |
| 247 | R. | -0.23 | +2.2 |
| 248 | Ll. | -0.51 | +8.9 |
| 252 | Ll. | -0.86 | +6.7 |
| 255 | Ll. | -0.55 | +10.7 |
| 258 | Ll. | +0.32 | +10.8 |
| 259 | Ll. | -0.36 | +11.4 |
| 265 | Ll. | -0.01 | +7.7 |
| 266 | Ll. | +0.41 | +10.0 |
| 279 | Ll. | -0.44 | +8.3 |
| 281 | Ll. | -0.73 | +12.4 |
| 283 | R. | -0.13 | +2.1 |
| 292 | Ll. | -0.14 | +3.7 |
| 294 | Ll. | +0.15 | +7.2 |
| 295 | Ll. | -0.45 | +2.9 |
| 297 | Ll. | -0.28 | +6.1 |
| 298 | Ll. | -0.29 | +23.0 |
| 314 | Ll. | -0.02 | +13.0 |
| 315 | Ll. | -0.28 | +1.7 |
| 317 | Ll. | +0.87 | +8.8 |
| 320 | Ll. | +0.17 | +1.0 |
| | R. | +0.19 | -2.8 |
| 339 | Ll. | +0.05 | +3.1 |
| | R. | +0.19 | -2.8 |
| 353 | Ll. | -0.02 | +12.2 |
| 354 | Ll. | -0.13 | +4.4 |
| 355 | Ll. | +0.10 | +1.2 |
| 359 | Ll. | +0.″17 | +″0.5 |
| 360 | Ll. | +0.44 | +5.6 |
| 362 | Ll. | -0.11 | -1.0 |
| 364 | Ll. | -0.66 | -0.9 |
| 366 | Ll. | +0.10 | +11.2 |
| 368 | Ll. | +0.57 | +15.9 |
| 376 | Ll | -0.38 | +4.2 |
| 385 | Ll. | +0.19 | +6.5 |
| 387 | Ll. | -1.29 | -0.9 |
| 395 | Ll. | -0.90 | +5.7 |
| 407 | Ll. | -0.73 | +1.5 |
| 410 | Ll. | -0.46 | +4.3 |
| 417 | Ll. | -0.33 | +8.6 |
| 422 | Ll. | -0.25 | +7.2 |
| 423 | Ll. | -0.05 | +6.4 |
| 425 | Ll. | +0.34 | +6.0 |
| 431 | Ll. | +0.08 | +16.3 |
| 432 | Ll. | +0.30 | +1.7 |
| 436 | Ll. | -0.22 | +12.2 |
| 437 | Ll. | +0.89 | -17.6 |
| 443 | Ll. | +0.82 | +17.5 |
| 444 | Ll. | -0.52 | +6.7 |
| 447 | Ll. | -0.11 | +9.0 |
| 452 | Ll. | +0.02 | +11.1 |
| 455 | Ll. | +0.43 | +7.6 |
| 456 | Ll. | -0.20 | +5.3 |
| 458 | Ll. | +0.19 | +3.7 |
| 462 | Ll. | -0.26 | +8.7 |
| 466 | Ll. | +0.22 | -8.9 |
| 468 | Ll. | -0.03 | +4.7 |
| 481 | Ll. | +0.53 | +4.8 |
| 484 | Ll. | +0.″59 | +″4.2 |
| 487 | Ll. | +0.07 | +6.1 |
| 489 | Ll. | +1.00 | +11.0 |
| 491 | Ll. | -0.02 | +7.6 |
| 496 | Ll. | +0.06 | -0.6 |
| 511 | Ll. | -0.23 | +7.8 |
| 519 | Ll. | +0.18 | +6.5 |
| 526 | Ll. | -0.14 | +12.3 |
| 527 | Ll. | +0.14 | +8.5 |
| 529 | Ll. | -0.32 | +2.0 |
| 531 | Ll. | +0.42 | +6.4 |
| 535 | Ll. | -0.62 | +6.8 |
| 536 | Ll. | +0.44 | +6.5 |
| 540 | Ll. | -6.14 | +11.5 |
| 541 | Ll. | -0.24 | +1.6 |
| 545 | Ll. | -0.10 | +8.3 |
| 546 | Ll. | -0.35 | +5.3 |
| 547 | Ll. | +0.97 | +7.6 |
| 554 | Ll. | +0.10 | +3.3 |
| 559 | Ll. | -0.18 | +0.3 |
| 560 | Ll. | -0.16 | +5.3 |
| 563 | Ll. | -0.20 | +11.4 |
| 564 | Ll. | -0.30 | +3.0 |
| 566 | Ll. | -0.11 | +0.3 |
| 571 | Ll. | -1.43 | -19.2 |
| 572 | Ll. | -0.69 | +44.7 |
| 590 | Ll. | +0.40 | +4.8 |
| 621 | Ll. | +0.39 | +8.8 |
| 625 | Ll. | +0.44 | +0.5 |
| 627 | Ll. | +0.14 | +9.5 |
| 636 | Ll. | +0.57 | +5.2 |

-27°

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-21° -27°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 647 | Ll | -0.35 | +1.2 | 729 | Ll. | -0.47 | +14.3 | 824 | Ll. | -1.25 | +4.5 |
| 650 | Ll. | +0.33 | +1.6 | | R. | -0.21 | +4.4 | 825 | Ll. | -0.65 | +10.5 |
| 652 | Ll. | +0.03 | +15.8 | 730 | Ll. | -0.48 | +0.3 | 826 | Ll. | -0.79 | +10.5 |
| 655 | Ll. | -0.28 | +0.8 | 731 | Ll. | -0.37 | +8.3 | 829 | Ll. | -1.03 | +14.4 |
| 660 | Ll. | -0.13 | +2.5 | 732 | Ll. | -1.27 | +22.7 | | R. | -0.46 | +8.7 |
| 662 | Ll. | +0.06 | +10.0 | | R. | -0.05 | +7.2 | 831 | Ll. | -0.61 | +3.5 |
| 666 | Ll. | +0.29 | -1.1 | 735 | Ll. | -1.08 | +10.4 | 834 | Ll. | -0.72 | +6.0 |
| 667 | Ll. | +0.07 | +0.1 | | R. | -0.30 | +2.4 | 838 | Ll. | -0.55 | +10.6 |
| 670 | Ll. | +0.15 | +7.5 | 736 | Ll. | +0.21 | +4.5 | 839 | Ll. | -0.70 | +9.1 |
| 671 | Ll. | +0.04 | -0.3 | 738 | Ll. | -0.23 | +13.3 | 841 | Ll. | -0.32 | +4.2 |
| 675 | Ll. | +0.53 | -5.4 | 741 | Ll. | -0.38 | +7.4 | | R. | -1.44 | -4.6 |
| | R. | +0.16 | -11.0 | 743 | Ll. | +0.63 | -2.3 | 843 | R. | +0.37 | -11.4 |
| 677 | Ll. | -0.06 | +6.5 | 746 | Ll. | -0.67 | -0.4 | 846 | Ll. | +0.07 | +8.4 |
| 681 | Ll. | +0.35 | -1.7 | 748 | Ll. | +0.28 | -2.5 | 847 | Ll. | 0.00 | -8.2 |
| 682 | Ll. | -0.37 | -4.6 | 754 | Ll. | +0.15 | +3.1 | | R. | -0.37 | -8.6 |
| 684 | R. | -0.15 | +2.3 | 756 | Ll. | -0.33 | +9.5 | 848 | Ll. | -0.42 | +1.5 |
| 686 | Ll. | -0.22 | +11.0 | 763 | Ll. | -0.03 | +14.0 | 852 | Ll. | -0.69 | -3.8 |
| 687 | Ll. | +0.58 | +3.2 | 768 | Ll. | +0.02 | +14.7 | 854 | Ll. | -0.09 | -0.6 |
| 688 | Ll. | +0.36 | +3.8 | 777 | Ll. | -0.06 | +15.4 | 856 | Ll. | -0.54 | +7.4 |
| 690 | Ll. | -0.18 | -1.9 | 780 | Ll. | +0.05 | -58.7 | 859 | Ll. | -0.53 | +7.3 |
| 694 | Ll. | -26.34 | -4.7 | 784 | Ll. | +0.23 | +9.2 | 860 | Ll. | -0.60 | -0.1 |
| | R. | -0.16 | -1.9 | 786 | Ll. | +0.35 | +2.5 | | R. | +0.04 | -8.0 |
| 706 | R. | -0.10 | +1.5 | 787 | Ll. | +0.26 | +3.5 | 864 | Ll. | -0.17 | +4.0 |
| 709 | Ll. | -0.40 | +7.6 | 800 | Ll. | -1.07 | +1.5 | 868 | Ll. | -0.64 | +11.0 |
| 711 | Ll. | +0.20 | +6.3 | | R. | -0.11 | -2.2 | 869 | Ll. | -0.13 | -4.0 |
| 716 | Ll. | -0.05 | +3.9 | 802 | Ll. | +0.55 | -3.4 | 870 | Ll. | +0.19 | +1.7 |
| 718 | Ll. | +0.05 | +4.7 | 815 | Ll. | -0.35 | +2.2 | 871 | Ll. | -0.78 | +4.9 |
| 719 | Ll. | +0.10 | +8.7 | | R. | -0.12 | -2.4 | 877 | Ll. | -0.69 | -2.6 |
| 722 | Ll. | -0.51 | -0.3 | 817 | Ll. | +0.49 | +7.7 | 878 | Ll. | +0.34 | +0.7 |
| 725 | Ll. | -0.81 | -14.9 | 819 | Ll. | -0.01 | +7.5 | 880 | Ll. | -0.22 | -8.4 |
| 728 | Ll. | -0.39 | +49.5 | 823 | Ll. | -0.67 | +5.0 | 881 | Ll. | -0.64 | -1.9 |

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-27°

-33°

| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 882 | Ll. | -0.49 | -3.3 | 156 | Ll. | -0.18 | +10.5 | 352 | Ll. | +0.09 | +4.7 |
| 883 | Ll. | -0.63 | -6.1 | 159 | Ll. | +0.10 | -1.8 | 359 | Ll. | -0.22 | +4.1 |
| 885 | Ll. | +0.26 | +4.6 | 160 | Ll. | -0.34 | +8.6 | 363 | Ll. | -0.25 | +6.5 |
| 887 | Ll. | +0.36 | +3.2 | 162 | Ll. | -0.31 | +8.5 | 368 | Ll. | -0.02 | +7.3 |
| 891 | Ll. | -0.24 | +10.6 | 166 | Ll. | +0.14 | -3.5 | 371 | Ll. | -0.16 | +2.1 |
| 892 | Ll. | -0.70 | +0.1 | 171 | Ll. | +0.31 | -2.7 | 373 | Ll. | -0.48 | +6.3 |
| 893 | Ll. | -0.61 | +5.7 | 177 | Ll. | -0.33 | -0.1 | 380 | Ll. | -0.22 | +12.4 |
| 896 | Ll. | -0.13 | +0.1 | 179 | Ll. | -0.43 | +26.8 | 385 | Ll. | -0.04 | +6.5 |
| 902 | Ll. | -0.76 | +6.5 | 205 | Ll. | -0.06 | +9.8 | 386 | Ll. | +0.23 | +7.8 |
| | | | | 207 | Ll. | -0.04 | +4.5 | 387 | Ll. | -0.48 | +3.6 |
| | | -27° bis -33° | | 209 | Ll. | +0.21 | +7.6 | 394 | Ll. | -1.61 | +15.0 |
| 1 | Ll. | +0.15 | -5.1 | 211 | Ll. | -0.30 | +11.9 | 407 | Ll. | -0.17 | -2.7 |
| 10 | Ll. | -0.22 | -6.9 | | R. | -0.26 | +0.2 | 423 | Ll. | -0.55 | +14.2 |
| 17 | Ll. | -0.52 | +0.5 | 219 | Ll. | -0.66 | -1.8 | 427 | Ll. | +0.17 | +10.7 |
| | R. | -0.54 | -2.4 | 224 | Ll. | -0.65 | +3.0 | 428 | Ll. | -1.29 | +2.8 |
| 24 | Ll. | -0.85 | -3.8 | 232 | Ll. | -0.45 | +13.2 | 437 | Ll. | +0.95 | +1.5 |
| 27 | Ll. | -0.20 | +7.6 | 234 | Ll. | -0.49 | +5.9 | 439 | Ll. | +0.20 | -3.8 |
| 45 | Ll. | +0.28 | +3.7 | 266 | Ll. | -0.43 | +5.4 | 441 | Ll. | +0.27 | +2.4 |
| 51 | Ll. | -0.53 | +5.7 | 274 | Ll. | -0.14 | +4.3 | 443 | Ll. | -0.60 | +14.6 |
| 58 | Ll. | -0.52 | -4.4 | 277 | Ll. | -0.64 | -6.5 | 451 | Ll. | +0.25 | +7.4 |
| 80 | Ll. | -0.64 | -2.5 | 280 | Ll. | -0.04 | +2.0 | 457 | Ll. | +0.21 | 0.0 |
| 81 | Ll. | +0.42 | -2.6 | 293 | Ll. | -0.53 | +4.7 | | R. | -0.15 | -5.7 |
| 90 | Ll. | +0.05 | +2.5 | 308 | Ll. | -0.58 | +12.9 | 460 | Ll. | +0.24 | +0.8 |
| | R. | +0.11 | -2.9 | 309 | Ll. | -0.51 | +5.6 | | R. | -0.14 | -3.7 |
| 101 | Ll. | -0.28 | +13.8 | 329 | Ll. | +0.29 | +4.4 | 464 | Ll. | +0.13 | +3.8 |
| 114 | Ll. | -0.14 | +13.0 | | R. | +0.03 | -0.4 | 467 | Ll. | +0.65 | +2.5 |
| 124 | Ll. | -0.59 | +1.4 | 330 | Ll. | -0.51 | -0.6 | 474 | Ll. | -0.12 | +6.3 |
| 143 | Ll. | -0.38 | -1.5 | 331 | Ll. | -0.01 | +1.4 | 475 | Ll. | +3.17 | -4.8 |
| 145 | Ll. | +2.16 | -6.0 | 332 | Ll. | -0.25 | +0.8 | 477 | Ll. | +0.45 | -4.1 |
| 149 | Ll. | +0.26 | +9.1 | 341 | Ll. | -0.34 | +6.8 | 479 | Ll. | +0.81 | -3.1 |
| 154 | Ll. | -7.97 | +11.2 | 350 | Ll. | -0.35 | +3.5 | 480 | Ll. | +0.60 | -4.4 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 483 | Ll. | +0.27 | -0.5 | 3 | S. | -0.15 | +0.8 | 34 | Ll. | +0.81 | -4.8 |
| 465 | Ll. | +0.36 | +6.6 | 8 | S. | -0.28 | -1.3 | | B. | +0.89 | -1.4 |
| 487 | Ll. | +0.02 | +10.6 | 11 | B. | -0.11 | -6.6 | 35 | Ll. | +0.01 | +1.4 |
| 488 | Ll. | +0.16 | +14.7 | | S. | -0.13 | -1.0 | | B. | -0.29 | -2.8 |
| 500 | Ll. | +0.10 | +1.0 | 13 | B. | -0.48 | -0.5 | | R. | -0.32 | -4.2 |
| 501 | Ll. | -0.32 | +10.4 | 14 | B. | -0.25 | -4.9 | 36 | B. | +0.2 | +1.8 |
| 515 | Ll. | -0.15 | +4.9 | 15 | Ll. | -0.56 | -7.5 | 38 | Ll. | +0.35 | +2.9 |
| 516 | Ll. | -0.80 | +10.7 | | B. | +0.05 | -7.0 | | B. | +0.37 | +5.2 |
| 517 | Ll | +0.55 | +2.4 | 16 | Ll. | -1.56 | +5.7 | 40 | Ll. | -0.20 | -3.5 |
| 518 | Ll. | +0.59 | +12.2 | | B. | +0.28 | -0.5 | | B. | 0.00 | -0.4 |
| 524 | Ll. | +0.80 | +4.5 | | S. | -0.57 | +0.6 | 41 | Ll. | -0.79 | +4.6 |
| 526 | Ll. | -0.11 | +6.8 | 17 | B. | +0.48 | +0.8 | | B. | -0.28 | +2.4 |
| 541 | Ll. | +0.55 | +12.9 | 20 | B. | +0.55 | -8.8 | 42 | Ll. | +0.06 | -1.8 |
| 546 | Ll. | -0.05 | +1.9 | 21 | B. | +0.10 | -3.4 | | B. | +0.37 | +3.5 |
| 553 | Ll. | -0.52 | +8.4 | | S. | -0.16 | -6.5 | 43 | B. | -0.02 | +6.8 |
| 554 | Ll. | -0.08 | +11.8 | 22 | B. | +0.22 | +2.3 | 44 | B. | +0.28 | +3.1 |
| 555 | Ll. | +0.01 | +7.3 | | S. | -0.01 | +3.3 | | R. | -0.15 | -1.2 |
| 557 | Ll. | -0.27 | +6.6 | 26 | B. | +0.06 | — | | S. | -0.15 | -1.2 |
| 561 | Ll. | -0.08 | -2.3 | 28 | Ll. | -0.12 | +2.9 | 45 | Ll. | +0.13 | -2.5 |
| 562 | Ll. | -0.81 | -1.8 | | B. | +0.04 | +0.9 | | B. | +0.07 | +0.8 |
| 563 | Ll. | +0.24 | +6.2 | 29 | Ll. | +0.10 | +4.3 | | R. | -0.21 | -1.8 |
| 569 | Ll. | +0.02 | +5.6 | | B. | +0.32 | +6.7 | | S. | +0.07 | -2.6 |
| 574 | Ll. | +0.56 | +4.8 | | S. | -0.01 | +3.6 | 46 | Ll. | -0.35 | -0.4 |
| 578 | Ll. | +0.17 | +12.3 | 30 | B. | +0.23 | — | | B. | -0.09 | -1.2 |
| 581 | Ll. | +0.45 | +2.1 | 31 | Ll. | -0.38 | — | | R. | -0.24 | -2.4 |
| 583 | Ll. | +0.33 | +6.7 | | B. | +0.21 | — | 47 | Ll. | -0.08 | -1.5 |
| 588 | Ll. | +0.42 | +5.6 | | S. | -0.25 | — | 48 | S. | -0.22 | -0.3 |
| 589 | Ll. | +0.18 | +9.9 | 32 | Ll. | -0.07 | — | 49 | Ll. | -0.34 | +11.1 |
| | | | | | B. | +0.22 | — | | B. | +0.91 | +9.6 |
| | | Nachtrag I. | | | R. | -0.09 | — | | R. | -0.11 | +4.2 |
| 3 | B. | +0.16 | +4.3 | 33 | B. | -0.85 | +7.0 | | S. | -0.22 | -1.7 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | Ll. | -0.02 | +8.3 | 69 | S. | -0.08 | +0.9 | 92 | B. | -0.07 | +5.1 |
| | B. | +0.26 | +5.3 | 71 | Ll. | -0.29 | +3.4 | 93 | B. | +0.13 | +4.0 |
| 51 | B. | -0.02 | +1.4 | | B. | -0.29 | +0.6 | 94 | B. | +0.12 | -2.2 |
| 53 | B. | 0.00 | +6.6 | 72 | B. | -0.05 | +7.6 | 95 | Ll. | -0.61 | +8.4 |
| | R. | -0.53 | -2.0 | 73 | B. | -0.46 | +3.8 | | B. | 0.00 | +11.6 |
| 54 | Ll. | -0.63 | -4.3 | | S. | +0.05 | -2.8 | | S. | -0.07 | +3.4 |
| | S. | -0.15 | -3.4 | 74 | B. | -0.33 | +15.1 | 96 | B. | -0.10 | +7.3 |
| 55 | Ll. | -0.13 | +0.5 | 75 | Ll. | +0.17 | +0.1 | | S. | -0.23 | +1.3 |
| | B. | -0.36 | +5.0 | | B. | +0.05 | +4.9 | 97 | B. | +0.36 | — |
| 56 | Ll. | +0.19 | +2.5 | 76 | B. | -0.22 | +6.3 | 98 | Ll. | -0.19 | +0.4 |
| | B. | +0.01 | +5.6 | 77 | B. | -0.12 | +8.5 | | B. | +0.09 | +3.2 |
| 57 | Ll. | -0.83 | +8.6 | 78 | B. | -0.17 | -0.8 | 99 | B. | -0.08 | +9.0 |
| | B. | -0.26 | +12.6 | | S. | -0.11 | +0.4 | 100 | B. | +0.17 | +0.5 |
| 59 | B. | -0.20 | +10.6 | 79 | B. | +0.13 | +6.4 | 101 | Ll. | -0.52 | +3.9 |
| | S. | -0.33 | +3.1 | 80 | B. | -0.28 | +5.5 | | B. | +0.01 | +0.6 |
| 60 | Ll. | -0.19 | +6.2 | | S. | -0.21 | +0.6 | | R. | -0.59 | +1.3 |
| | B. | +0.38 | +10.1 | 81 | B. | +0.06 | +8.7 | 102 | B. | -0.12 | +6.1 |
| | R. | -0.27 | +0.9 | | S. | -0.13 | +1.9 | 103 | Ll. | -0.36 | +1.4 |
| 62 | B. | +0.04 | +5.1 | 82 | B. | +0.16 | +3.9 | | B. | +0.04 | +2.4 |
| | S. | -0.05 | -1.9 | 83 | B. | +0.20 | +7.4 | 104 | Ll. | +0.16 | -8.6 |
| 63 | Ll. | -1.28 | +0.2 | 85 | B. | -0.28 | +7.0 | | B. | +0.10 | -6.3 |
| | B. | -0.13 | +5.2 | 86 | B. | -0.05 | +2.6 | 105 | Ll. | -0.55 | +8.6 |
| 64 | B | +0.27 | +7.7 | 87 | B. | -0.38 | +0.6 | | B. | -0.05 | +6.2 |
| 65 | Ll. | -0.28 | — | 88 | Ll. | -0.13 | +4.3 | | S. | -0.46 | +1.2 |
| | B. | -0.02 | — | | B. | -0.02 | +4.9 | 110 | Ll. | +0.25 | -2.1 |
| | S. | -0.17 | — | | S. | -0.26 | +0.4 | | B. | -0.26 | +2.8 |
| 66 | B. | -0.08 | +10.1 | 89 | Ll. | -0.21 | -3.4 | 112 | Ll. | -1.10 | +1.8 |
| 67 | B. | +0.45 | +5.7 | | B. | -0.23 | +3.3 | | B. | -0.85 | +1.3 |
| 68 | B. | +0.11 | +5.3 | 90 | Ll. | -0.86 | -5.7 | 113 | Ll. | -0.49 | -0.9 |
| | S. | -0.02 | 0.0 | | B. | -0.27 | +5.9 | | B. | -0.12 | -3.1 |
| 69 | Ll. | -0.09 | +7.2 | 92 | Ll. | -0.21 | +0.3 | 117 | Ll. | -0.38 | +4.6 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 117 | B. | +0.06 | +3.4 | 167 | B. | −0.44 | −1.8 | 225 | S. | −0.01 | +0.5 |
| 119 | B. | +0.04 | +1.2 | 168 | Ll. | −0.43 | +1.3 | 230 | B. | −0.34 | −1.6 |
| 122 | B. | +0.24 | +2.1 | | B. | −0.44 | −3.1 | 232 | B. | +0.67 | +1.5 |
| 123 | B. | +0.18 | −1.2 | 169 | B. | +0.01 | +2.1 | 238 | B. | +0.21 | −2.7 |
| 124 | B. | +0.32 | — | 170 | B. | +0.27 | −0.2 | 239 | B. | −0.05 | −4.6 |
| 132 | B. | 0.00 | +0.4 | 175 | B. | −0.07 | −3.7 | 247 | S. | −0.30 | −1.6 |
| 133 | Ll. | −0.06 | +1.4 | 178 | Ll. | +0.12 | +2.2 | 248 | S. | −0.27 | −1.6 |
| | B. | −0.08 | +1.4 | | S. | −0.06 | −1.7 | 252 | S. | −1.29 | −0.8 |
| 135 | B. | +0.68 | −1.7 | 180 | Ll. | +0.29 | +15.8 | 256 | S. | −0.40 | −1.3 |
| | S. | −0.28 | +1.2 | 182 | Ll. | +0.38 | +4.0 | 262 | B. | +0.22 | −8.4 |
| 137 | R. | −0.18 | +1.5 | | S. | 0.00 | +0.3 | 263 | B. | +0.02 | −5.2 |
| 138 | B. | +0.01 | −0.3 | 185 | B. | −0.09 | −2.3 | 264 | Ll. | +0.17 | −6.8 |
| | S. | −0.19 | −3.6 | | S. | −0.26 | — | | B. | +0.18 | −8.3 |
| 141 | R. | −0.15 | +4.7 | 190 | S. | 0.00 | −0.5 | 265 | Ll. | +0.19 | −3.3 |
| 142 | B. | −0.02 | +1.5 | 192 | Ll. | −0.55 | +4.9 | | B. | −0.09 | −1.8 |
| 144 | B. | −0.15 | +1.4 | 196 | R. | +0.13 | +3.9 | 271 | Ll. | +0.18 | −1.0 |
| 146 | B. | +0.34 | +0.4 | | S. | −0.13 | +3.1 | | B. | −0.02 | −3.0 |
| 147 | Ll. | −0.24 | +0.3 | 198 | B. | −0.01 | −0.9 | 272 | B. | +0.03 | −4.0 |
| | B. | −0.25 | −3.8 | 199 | B. | +0.02 | +0.2 | 273 | Ll. | +0.37 | −0.2 |
| 153 | Ll. | +0.18 | −3.0 | 202 | S. | −0.01 | −2.7 | | B. | −0.11 | −3.1 |
| 154 | B. | −0.41 | −1.5 | 206 | Ll. | +0.21 | −0.8 | 274 | Ll. | +0.03 | +3.5 |
| 155 | S. | −0.77 | +0.8 | 207 | Ll. | −0.32 | +5.7 | | B. | −0.07 | −3.7 |
| 156 | B. | −0.11 | −0.1 | | B. | +0.22 | −2.4 | 276 | B. | +0.28 | −5.3 |
| 158 | Ll. | −0.42 | +2.2 | 208 | B. | +0.28 | −5.6 | 277 | Ll. | −0.28 | −2.7 |
| | B. | +0.16 | −1.5 | 209 | B. | +0.06 | −1.0 | | B. | −0.29 | −6.1 |
| 161 | Ll. | −0.14 | −0.5 | 210 | B. | +0.01 | +0.1 | 280 | B. | +0.37 | −2.8 |
| | B. | −0.13 | −0.6 | 214 | B. | +0.08 | −1.4 | 281 | B. | −0.22 | −5.0 |
| | S. | −0.15 | +0.4 | 217 | B. | +0.03 | −7.6 | 282 | B. | +0.04 | −2.6 |
| 162 | Ll. | −0.29 | −2.8 | 224 | Ll. | −0.70 | +5.5 | 283 | Ll. | 0.00 | −4.4 |
| 164 | B. | +0.04 | −0.6 | | B. | −0.83 | −0.3 | | B. | −0.13 | −3.9 |
| | S. | −0.03 | −0.7 | 225 | B. | −0.96 | +0.8 | 284 | Ll. | −0.11 | −2.6 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 284 | B. | −0.19 | −1.2 | 314 | Ll. | +0.03 | −1.7 | 348 | B. | −0.02 | −4.3 |
| 285 | Ll. | −0.12 | −1.3 | 315 | B. | +0.22 | −2.9 | 349 | B. | −0.22 | — |
| 288 | Ll. | −0.11 | +2.5 | 316 | B. | −0.17 | −2.1 | 350 | B. | −0.26 | −6.1 |
| | B. | +0.33 | −2.7 | 317 | B. | +0.17 | −2.9 | 351 | B. | −0.20 | −4.5 |
| 289 | Ll. | +0.85 | +1.0 | 319 | B. | +1.05 | −3.7 | 352 | B. | −0.23 | +0.7 |
| | B. | +0.01 | −0.7 | 321 | Ll. | +0.05 | +2.5 | 353 | B. | −0.20 | −2.9 |
| 290 | B. | +0.16 | +0.7 | | B. | −0.02 | −2.7 | 355 | Ll. | −0.55 | +1.6 |
| 291 | Ll. | +0.20 | +4.0 | 322 | Ll. | −0.05 | +5.6 | | B. | +0.12 | −5.5 |
| | B. | −0.01 | −3.6 | | B. | −0.13 | −0.3 | 357 | B. | −0.23 | −1.6 |
| 292 | Ll. | −0.03 | +7.1 | 323 | B. | +0.18 | −2.2 | 359 | S. | −0.25 | −1.1 |
| | B. | −0.22 | −5.0 | 325 | B. | −0.08 | +4.8 | 360 | B. | −0.14 | −3.4 |
| 293 | Ll. | −0.01 | +1.4 | 326 | B. | +0.10 | −7.4 | 362 | Ll. | −0.29 | — |
| | B. | +0.08 | −6.0 | 327 | Ll. | −0.59 | 0.0 | | B. | +0.05 | — |
| 294 | Ll. | +0.36 | +2.9 | 329 | B. | −0.12 | −6.2 | 369 | Ll. | +0.05 | −0.3 |
| | B. | −0.07 | −3.4 | 330 | Ll. | −0.27 | −1.0 | | B. | −0.24 | +31.9 |
| 299 | B. | −0.10 | −5.5 | | B. | −0.27 | −5.0 | 370 | B. | 0.00 | −2.3 |
| 300 | Ll. | +0.43 | +2.5 | 331 | B. | −0.08 | −6.6 | 374 | Ll. | +0.27 | +0.5 |
| | B. | +0.26 | −3.9 | 332 | B. | −0.19 | −10.0 | 375 | Ll. | +0.48 | — |
| 301 | Ll. | +0.01 | +1.8 | 334 | B. | −0.13 | −6.9 | | B. | +0.69 | −13.3 |
| 302 | B. | +0.43 | −4.0 | 336 | Ll. | −0.29 | −2.6 | 377 | B. | +0.13 | −4.8 |
| 303 | Ll. | +0.08 | +0.4 | | B. | −0.16 | −6.5 | 378 | Ll. | −0.44 | +5.4 |
| | B. | −0.02 | −2.8 | 337 | Ll. | −0.36 | +0.8 | | B. | −0.01 | −4.3 |
| 304 | B. | −0.04 | +3.0 | | B. | +0.13 | −3.1 | 379 | Ll. | +3.50 | −2.6 |
| 305 | Ll. | −0.23 | +5.1 | 339 | Ll. | +0.28 | −33.7 | 381 | B. | +0.30 | −3.3 |
| | B. | −0.05 | −2.3 | | B. | −0.22 | −5.5 | 384 | B. | +0.19 | −2.5 |
| 307 | B. | +0.09 | −3.1 | 341 | B. | +0.18 | −3.5 | 386 | Ll. | −0.31 | +2.9 |
| 309 | B. | +0.13 | −9.3 | 343 | B. | +0.04 | −2.6 | | B. | −0.29 | −1.5 |
| 310 | B. | +0.28 | −3.2 | 345 | B. | +0.08 | −3.3 | 388 | B. | +0.40 | −2.6 |
| 311 | Ll. | +0.18 | +1.2 | 346 | Ll. | −0.11 | — | 389 | B. | +0.06 | −3.0 |
| 313 | Ll. | −0.20 | −0.5 | | B. | −0.04 | — | 390 | B. | −0.10 | −6.7 |
| | B. | −0.07 | −2.0 | 347 | B. | −0.51 | −2.4 | 391 | B. | +0.32 | −3.5 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 392 | Ll. | +0.28 | +1.4 | 436 | B. | +1.49 | +7.8 | 464 | B. | +0.07 | -8.8 |
| | B. | +0.09 | +28.7 | 437 | Ll. | -0.40 | +5.1 | 466 | Ll. | 0.00 | -3.5 |
| 393 | Ll. | +0.17 | +2.2 | | B. | -0.15 | -0.2 | | B. | +0.14 | -3.1 |
| | B. | +0.17 | -1.9 | 440 | Ll. | +0.16 | +4.7 | | R. | -0.18 | -5.0 |
| 399 | B. | -0.59 | +0.3 | | B. | +0.40 | +8.3 | 467 | Ll. | +0.55 | -4.9 |
| 401 | Ll. | +0.34 | +13.6 | | R. | +0.06 | -12.5 | | B. | +0.46 | -6.7 |
| | B. | +0.35 | +3.6 | 441 | B. | +0.32 | +7.4 | | R. | +0.07 | -6.6 |
| 403 | B. | -0.04 | -2.2 | 442 | B. | +0.71 | -2.0 | 468 | B. | -0.13 | — |
| 409 | B. | +0.13 | -1.7 | 444 | Ll. | 0.00 | -1.8 | 470 | Ll. | +0.39 | — |
| 410 | Ll. | -0.11 | +3.8 | | B. | -0.01 | -3.3 | | B. | +0.50 | — |
| 415 | Ll. | +0.35 | -0.5 | | R. | -0.17 | -1.2 | 471 | B. | -0.18 | +0.6 |
| | B. | +0.32 | -3.2 | 445 | Ll. | +1.13 | +5.4 | 474 | B. | -0.26 | -0.8 |
| 416 | B. | -0.47 | -2.6 | | B. | +0.68 | +0.6 | 475 | Ll. | +0.36 | +3.6 |
| 419 | Ll. | +0.31 | +0.2 | 447 | Ll. | +0.21 | +2.1 | | B. | +0.32 | -3.4 |
| | B. | -0.42 | -6.4 | | B. | +0.14 | -2.9 | 476 | B. | +0.40 | -1.0 |
| 422 | B. | -0.72 | -6.2 | | R. | 0.00 | -4.2 | 477 | Ll. | +0.42 | -0.9 |
| 423 | Ll. | +0.16 | -3.7 | 448 | B. | +0.30 | -3.6 | | B. | +0.40 | -4.6 |
| 425 | Ll. | +1.09 | +1.4 | 449 | Ll. | -0.10 | +0.2 | 479 | B. | +0.21 | -5.1 |
| 426 | Ll. | -0.14 | +1.2 | | B. | +0.02 | -2.9 | 480 | B. | -0.09 | -3.6 |
| 429 | Ll. | -0.10 | +4.5 | 450 | Ll. | +0.31 | +6.2 | 482 | Ll. | +0.35 | -2.4 |
| | B. | +0.49 | +3.7 | | B. | -0.22 | -2.1 | | B. | +0.14 | -3.0 |
| 430 | Ll. | +0.21 | +2.4 | 451 | B. | -0.09 | +2.7 | 483 | B. | +0.41 | -0.5 |
| | R. | +0.03 | +0.6 | 452 | B. | +0.35 | -7.6 | 486 | B. | +0.03 | -4.6 |
| 431 | Ll. | +0.02 | +6.1 | 453 | B. | +0.05 | +8.2 | 487 | R. | -0.02 | -2.8 |
| | B. | -0.27 | +0.1 | 454 | B. | -0.20 | +7.5 | 490 | B. | +0.52 | +0.3 |
| 432 | Ll. | -0.30 | +1.7 | 456 | B. | +0.03 | -6.4 | 491 | Ll. | -0.77 | +2.7 |
| | B. | +0.25 | -2.8 | 458 | R. | -0.44 | -6.3 | | B. | -0.65 | -5.7 |
| 433 | Ll. | -0.05 | — | 459 | B. | +0.83 | +2.4 | 492 | B. | -0.32 | -1.7 |
| | B. | +0.18 | — | 461 | Ll. | -0.07 | — | 494 | B. | -0.02 | -4.9 |
| 434 | B. | -0.06 | +5.8 | | B. | +0.22 | — | 495 | Ll. | -0.56 | +10.0 |
| 435 | B. | +0.04 | +3.5 | 463 | B. | -0.76 | — | | B. | -0.88 | +0.7 |



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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 496 | B. | +0.15 | -1.2 | 533 | B. | -0.03 | +0.8 | 558 | Ll. | +0.35 | -5.8 |
| 497 | Ll. | +0.14 | +4.9 | 537 | Ll. | -0.14 | -0.2 | | B. | +0.21 | -5.5 |
| 500 | B. | +0.27 | -3.5 | | B. | +0.02 | -2.8 | 560 | Ll. | -0.18 | +2.6 |
| 501 | S. | -0.64 | — | 539 | Ll. | +0.25 | +1.3 | 561 | Ll. | -0.44 | -7.4 |
| 503 | B. | -0.24 | +1.5 | | B. | -0.21 | +3.2 | 562 | Ll. | +0.08 | -0.9 |
| 505 | B. | +0.05 | +2.5 | 541 | Ll. | -0.35 | +9.2 | | B. | +0.17 | -1.2 |
| 508 | B. | -0.12 | -2.9 | | B. | -0.08 | +8.0 | 563 | B. | -9.46 | -2.1 |
| 510 | B. | -0.19 | -6.2 | 542 | Ll. | +3.68 | +6.6 | 565 | S. | -0.40 | -0.6 |
| 511 | B. | -0.12 | -3.2 | 544 | Ll. | +0.26 | +1.4 | 566 | B. | -0.24 | +2.7 |
| 512 | B. | -0.16 | -4.4 | | B. | +0.33 | -4.4 | 567 | Ll. | -0.23 | +1.1 |
| 519 | B. | -0.13 | -5.2 | 545 | B. | -0.10 | +3.7 | | B. | -0.04 | -1.6 |
| 522 | B. | +0.11 | -4.6 | 546 | Ll. | +0.28 | +0.1 | | R. | -0.33 | -3.5 |
| 524 | Ll. | +0.47 | +1.3 | | B. | -0.07 | -0.1 | 568 | Ll. | -0.23 | 0.0 |
| | B. | -0.09 | -0.4 | 550 | B. | +0.07 | -4.1 | | B. | -0.25 | +0.2 |
| | R. | -0.13 | +0.5 | | R. | -0.03 | -2.9 | | R. | -0.20 | -1.3 |
| 525 | Ll. | -0.34 | +2.0 | 551 | Ll. | -0.64 | +5.1 | 569 | Ll. | -0.33 | -2.1 |
| | B. | -0.30 | +0.3 | | B. | -0.36 | +1.2 | | B. | -0.14 | +1.3 |
| 526 | Ll. | -0.23 | -0.1 | 552 | B. | +0.63 | -2.0 | 570 | B. | -0.09 | -2.0 |
| | B. | -0.44 | -0.2 | 553 | Ll. | +0.25 | +2.3 | 571 | Ll. | +0.17 | -4.3 |
| 527 | Ll. | +0.02 | -0.8 | | B. | +0.22 | -2.0 | | B. | +0.23 | -3.0 |
| | B. | -0.26 | +0.5 | | R. | +0.04 | -8.8 | 572 | B. | -0.13 | +2.3 |
| | R. | -0.42 | -2.0 | 554 | Ll. | +0.43 | 0.0 | | R. | -0.05 | -0.7 |
| 528 | B. | -0.10 | +0.4 | | B. | +0.28 | -1.5 | 573 | B. | -0.14 | -3.6 |
| | R. | -0.20 | -2.0 | 555 | Ll. | +0.01 | -2.5 | 574 | B. | -0.10 | +2.3 |
| 530 | B. | -0.25 | -1.6 | | B. | -0.14 | 0.0 | 575 | Ll. | +0.16 | -5.9 |
| 531 | Ll. | +0.29 | +1.2 | | R. | -0.14 | +0.6 | | B. | -0.11 | -1.2 |
| | B. | +0.24 | +2.0 | 556 | Ll. | -0.46 | -0.6 | 577 | B. | +0.38 | +1.3 |
| | R. | -0.34 | -5.0 | | B. | -0.06 | -0.7 | 578 | B. | +0.04 | -0.9 |
| 532 | B. | -0.09 | -3.5 | | R. | -0.24 | +0.9 | 580 | Ll. | +0.22 | +2.9 |
| | R. | -0.46 | -0.7 | 557 | Ll. | -0.27 | +37.7 | | B. | -0.43 | +2.5 |
| 533 | Ll. | +0.01 | +6.9 | | B. | -0.56 | +25.9 | 582 | Ll. | -0.69 | +3.3 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 582 | B. | +0.57 | -2.9 | 611 | B. | +0.02 | -7.1 | 636 | Ll. | -0.17 | +0.7 |
| 583 | B. | -0.07 | +0.4 | 612 | Ll. | -0.20 | -3.1 | | B. | +0.24 | +2.5 |
| 584 | B. | -0.33 | -1.6 | | B. | -0.09 | -5.1 | 637 | Ll. | -0.05 | +5.9 |
| 585 | Ll. | +0.03 | +1.6 | 613 | Ll. | -0.27 | +1.0 | | B. | +0.38 | +4.6 |
| | B. | -0.07 | +1.5 | | B. | +0.22 | -3.9 | 638 | B. | +0.26 | +3.8 |
| 586 | S. | -0.10 | -1.5 | 614 | B. | -0.15 | -3.1 | 639 | B. | +0.30 | +2.9 |
| 587 | Ll. | -0.08 | -6.2 | 615 | Ll. | -0.13 | +2.8 | 640 | B. | +0.62 | +1.6 |
| | B. | -0.19 | -0.7 | | B. | -0.04 | -1.9 | 641 | Ll. | -0.06 | — |
| | R. | -0.25 | -1.1 | 616 | S. | -0.17 | -6.0 | | B. | +0.26 | — |
| 588 | R. | +0.65 | -5.7 | 617 | B. | -0.30 | -0.9 | 642 | Ll. | +0.40 | +5.0 |
| 589 | Ll. | +0.04 | +7.6 | 618 | Ll. | +1.31 | -3.3 | | B. | +0.01 | +1.9 |
| | B. | -0.18 | +1.4 | | B. | +0.56 | -7.1 | 643 | Ll. | -0.06 | +2.5 |
| 591 | Ll. | -0.45 | +0.3 | | R. | +0.48 | -4.7 | | B. | +0.23 | -0.1 |
| | B. | +0.28 | -2.7 | 619 | B. | +0.30 | -0.7 | 644 | Ll. | +0.07 | +4.8 |
| 592 | B. | -0.08 | +1.2 | 620 | B. | -0.52 | +0.5 | | B. | +0.36 | +3.8 |
| 593 | B. | +0.20 | +4.5 | 621 | Ll. | -0.06 | +6.6 | 645 | B. | -0.01 | +1.6 |
| 594 | B. | 0.00 | -5.7 | | B. | -0.30 | -3.4 | 646 | Ll. | +0.41 | +3.7 |
| 596 | B. | +0.05 | +0.3 | 622 | Ll. | -0.24 | -6.1 | | B. | +0.81 | -1.6 |
| 597 | Ll. | -0.42 | +3.6 | | B. | -0.43 | -4.7 | 647 | B. | +0.22 | +3.9 |
| | B. | -0.16 | +1.1 | 625 | Ll. | -0.59 | +3.1 | 648 | Ll. | +0.15 | — |
| 600 | B. | -0.14 | -0.8 | | B. | -0.14 | -3.8 | 649 | S. | +0.04 | +2.8 |
| 603 | B. | -0.22 | -1.0 | 626 | B. | -0.32 | -3.2 | 651 | B. | +0.28 | -1.1 |
| 605 | B. | +0.11 | +1.6 | 627 | Ll. | -0.15 | +0.6 | 652 | B. | -0.01 | +2.4 |
| 607 | B. | +0.05 | -5.7 | | B. | -0.07 | -5.7 | 654 | B. | +0.26 | +0.2 |
| 608 | Ll. | -0.41 | +2.4 | 628 | B. | -0.11 | -6.4 | 655 | B. | -0.02 | +0.5 |
| | B. | +0.06 | -4.9 | 629 | B. | -0.16 | -1.9 | 658 | Ll. | +0.07 | +11.2 |
| | R. | -0.58 | -4.2 | 630 | Ll. | +0.55 | -4.1 | 659 | R. | -0.53 | -1.7 |
| 609 | Ll. | -0.04 | +7.9 | 632 | Ll. | -0.05 | -7.5 | 661 | Ll. | -0.38 | +5.9 |
| 610 | B. | +0.05 | -1.8 | 633 | Ll. | -0.16 | -1.6 | | B. | -0.11 | +1.1 |
| | R. | -0.16 | -5.7 | 634 | B. | -0.31 | -5.4 | 662 | Ll. | +0.07 | +10.3 |
| 611 | Ll. | +0.05 | +4.9 | 635 | B. | -0.02 | -1.6 | | R. | +0.29 | +2.9 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 663 | B. | -0.25 | -3.4 | 704 | B. | +0.15 | +1.2 | 747 | B. | -0.18 | -1.5 |
| 665 | S. | -0.20 | +1.0 | 706 | B. | +0.40 | — | 748 | B. | -0.31 | -1.2 |
| 667 | Ll. | -0.16 | +8.8 | 715 | B. | +0.34 | +2.0 | 749 | B. | -0.50 | -5.8 |
| 669 | Ll. | +0.03 | +10.3 | 716 | B. | -0.83 | +6.4 | 750 | Ll. | +0.05 | +2.9 |
| | B. | +0.39 | -1.0 | | R. | -0.73 | +4.6 | | B. | +0.14 | +2.9 |
| 670 | Ll. | +0.41 | +10.7 | 719 | Ll. | -0.13 | +5.3 | 751 | Ll. | +0.24 | -3.1 |
| | B. | +0.01 | +2.3 | | B. | +0.07 | +3.6 | | B. | -0.02 | +0.7 |
| 674 | B. | +0.58 | +3.5 | 721 | Ll. | -1.06 | +2.6 | 752 | Ll. | -0.71 | -2.7 |
| 676 | Ll. | -0.01 | +5.5 | 723 | B. | -0.14 | — | | B. | -0.23 | +6.9 |
| | B. | +0.40 | 0.0 | 725 | S. | -0.08 | +4.6 | 754 | Ll. | +0.33 | +3.2 |
| 677 | B. | +0.13 | +1.3 | 729 | Ll. | 0.00 | -3.9 | | B. | +0.27 | +5.4 |
| 680 | B. | -0.01 | -0.5 | 732 | B. | +0.31 | -1.8 | 755 | Ll. | -0.25 | -0.2 |
| 681 | B. | -0.18 | -1.3 | 733 | B. | +0.09 | -0.5 | | B. | +0.01 | +0.2 |
| 683 | B. | +0.16 | -2.8 | 734 | B. | +0.27 | -4.6 | 756 | Ll. | -1.08 | +9.0 |
| 684 | B. | +0.20 | +0.9 | 735 | Ll. | +0.68 | +6.4 | 757 | Ll. | +0.07 | +3.9 |
| 685 | B. | -0.29 | +3.1 | | B. | +0.43 | -4.7 | | B. | +0.46 | +7.0 |
| 689 | B. | +0.03 | -8.3 | 736 | Ll. | -0.65 | -3.9 | 758 | B. | +0.11 | +6.4 |
| | R. | +0.11 | -3.8 | | B. | +0.37 | -4.8 | 760 | Ll. | +0.41 | -5.7 |
| 690 | B. | +0.23 | -4.0 | 737 | B. | -0.29 | — | 761 | Ll. | +0.20 | -1.1 |
| | R. | -0.24 | — | 738 | B. | +0.09 | -5.3 | | B. | +0.41 | +1.5 |
| 691 | B. | -0.19 | +0.3 | 739 | B. | +0.73 | -4.4 | 762 | Ll. | +1.28 | +3.5 |
| 693 | B. | -0.03 | -1.4 | 740 | Ll. | -0.83 | +0.9 | | B. | +1.08 | +3.9 |
| 695 | B. | +0.30 | 0.0 | | B. | -0.11 | -4.4 | | R. | +0.32 | -0.4 |
| 696 | S. | -0.22 | -2.0 | 741 | Ll. | +0.57 | +0.8 | 763 | B. | +0.04 | +3.3 |
| 697 | B. | +0.19 | -5.3 | | B. | +0.39 | -6.3 | 764 | B. | +0.91 | +2.3 |
| 698 | Ll. | +0.82 | +2.8 | 742 | Ll. | -0.24 | +2.3 | 765 | Ll. | +0.02 | +0.4 |
| 699 | Ll. | -0.33 | +9.8 | | B. | -0.24 | -3.1 | 766 | B. | -0.05 | +1.8 |
| | B. | 0.00 | -2.6 | 743 | Ll. | -0.34 | +3.3 | 768 | Ll. | +0.90 | +6.1 |
| 700 | B. | +0.13 | -2.5 | 745 | B. | -0.09 | +4.5 | 768 | B. | +0.09 | +3.8 |
| 702 | Ll. | -0.08 | -3.5 | 746 | B. | -0.17 | -1.8 | 769 | Ll. | +0.21 | -1.4 |
| 703 | Ll. | +0.03 | +6.3 | 747 | Ll. | +0.04 | +2.1 | | B. | +0.48 | -3.3 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ″ | ″ | | | ″ | ″ | | | ″ | ″ |
| 770 | Ll. | +0.87 | +5.1 | 798 | B. | +0.30 | +4.5 | 820 | Ll. | −0.68 | +12.9 |
| | B. | +0.38 | +8.6 | 800 | B. | −0.06 | −1.7 | 823 | Ll. | +0.51 | −2.1 |
| 772 | B. | 0.00 | +2.6 | 801 | Ll. | +0.99 | +2.7 | | B. | +0.41 | −2.8 |
| 773 | Ll. | −0.18 | +0.1 | 803 | B. | +0.42 | +0.7 | 826 | Ll. | −0.24 | +6.3 |
| | B. | +0.21 | −1.6 | 804 | B. | +0.51 | +1.2 | | B. | −0.40 | +3.7 |
| 774 | Ll. | +0.16 | +2.5 | 805 | Ll. | +0.65 | +4.3 | 827 | B. | −0.35 | +1.1 |
| | B. | −0.12 | −0.4 | | B. | −0.09 | −0.1 | 831 | B. | +0.59 | +1.5 |
| 776 | Ll. | −1.07 | −3.0 | 806 | Ll. | +0.95 | −1.0 | 832 | Ll. | +0.44 | +3.8 |
| | B. | −0.12 | −6.2 | | B. | +0.67 | −0.1 | 835 | Ll. | — | +10.8 |
| 777 | Ll. | −0.66 | −0.2 | 807 | Ll. | −0.19 | +4.2 | | B. | — | +1.9 |
| 778 | Ll. | −0.63 | +4.2 | | B. | +0.10 | −0.3 | 837 | Ll. | −0.75 | +1.4 |
| | B. | −0.16 | +3.6 | 808 | Ll. | −0.43 | −6.1 | | R. | −0.61 | −6.7 |
| 779 | Ll. | +0.12 | — | | B. | +0.20 | +2.4 | 838 | Ll. | +0.42 | +6.2 |
| | B. | +0.46 | +2.0 | 809 | Ll. | +0.62 | +5.4 | | B. | −0.08 | +2.6 |
| 784 | Ll. | +0.14 | +4.0 | | B. | +0.15 | −1.6 | 839 | Ll. | — | +6.7 |
| | B. | −0.01 | +1.2 | 810 | Ll. | −0.07 | +1.5 | | B. | — | −3.1 |
| 785 | B. | +0.61 | +4.1 | | B. | +0.27 | −3.8 | 841 | Ll. | — | +1.7 |
| 786 | Ll. | −0.22 | +3.1 | 811 | Ll. | +0.37 | +2.2 | | B. | — | +1.3 |
| | B. | +0.39 | −1.5 | | B. | +0.53 | +5.1 | 842 | Ll. | — | −0.8 |
| 787 | B. | +0.41 | +6.8 | 812 | Ll. | −0.12 | −4.6 | | B. | — | +0.2 |
| 788 | Ll. | +0.15 | +8.2 | | B. | +0.19 | −0.9 | 843 | Ll. | +0.05 | +8.1 |
| | B. | +0.19 | +5.1 | 814 | Ll. | +0.37 | +5.2 | | B. | +0.15 | +2.3 |
| 789 | B. | −0.05 | +3.6 | | B. | +0.32 | +2.6 | 844 | Ll. | −0.23 | +0.1 |
| 790 | Ll. | +0.19 | +6.6 | 815 | Ll. | +0.27 | +8.5 | | B. | −0.16 | +0.8 |
| | B. | +0.45 | +1.8 | | B. | +0.48 | −3.9 | 845 | Ll. | +0.70 | +17.4 |
| 791 | Ll. | +0.61 | −1.7 | 816 | Ll. | −0.37 | +5.2 | 846 | B. | +0.17 | −1.0 |
| 793 | B. | +0.32 | −0.9 | | B. | −0.45 | +1.1 | 847 | Ll. | +0.68 | +3.9 |
| 795 | Ll. | +1.34 | +5.9 | 817 | B. | −0.02 | +1.2 | | R. | +0.11 | −2.3 |
| 795 | B. | +0.79 | +3.1 | 818 | Ll. | +0.05 | −4.4 | 848 | Ll. | +0.50 | +2.2 |
| 797 | Ll. | +0.69 | +9.4 | 819 | Ll. | +0.55 | −2.5 | 849 | B. | +0.23 | −3.2 |
| | B. | −0.09 | +4.3 | | B. | +0.20 | −1.8 | 850 | B. | −0.13 | +1.2 |

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| Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. | Nummer | Beobachter | Differenz AR. | Differenz Decl. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 851 | B. | +0.″27 | +6.″9 | 687 | B. | +0.″05 | +1.″2 | 892 | Ll. | -0.″23 | +3.″7 |
| 852 | Ll. | +0.19 | +8.0 | 868 | B. | -0.07 | +1.6 | | B. | +0.01 | -0.9 |
| 853 | Ll. | +0.76 | -0.4 | 874 | B. | +0.25 | — | 893 | R. | -0.56 | +17.0 |
| | B. | +0.31 | -3.0 | 877 | B. | -0.12 | -2.6 | 895 | Ll. | +0.49 | +3.9 |
| | R. | -0.14 | -3.6 | 880 | Ll. | +0.25 | +4.6 | 902 | Ll. | +0.95 | +2.6 |
| 854 | Ll. | -0.27 | +5.1 | | B. | +0.19 | -2.1 | 904 | Ll. | +0.03 | +2.4 |
| | B. | -0.05 | -2.5 | 881 | B. | +0.12 | -2.5 | 905 | Ll. | -0.17 | +4.3 |
| 855 | B. | +0.41 | -1.1 | 882 | Ll. | +0.41 | -0.4 | 906 | Ll. | +0.02 | +2.0 |
| 860 | B. | -0.13 | -1.9 | 883 | B. | -0.06 | -4.1 | 907 | Ll. | -0.03 | +0.1 |
| 861 | Ll. | +0.26 | +1.7 | 884 | B. | +0.21 | -4.6 | 908 | Ll. | +0.37 | +5.6 |
| | B. | +0.09 | -0.2 | 885 | Ll. | +0.13 | — | 909 | Ll. | -0.23 | +2.9 |
| 862 | Ll. | -0.23 | +14.3 | 886 | Ll. | -0.67 | +3.7 | 912 | Ll. | — | +4.6 |
| | B. | -0.15 | +6.1 | 888 | Ll. | +0.14 | +1.3 | 914 | Ll. | — | -0.2 |
| 865 | B. | +0.49 | +2.2 | 889 | Ll. | -0.12 | -4.0 | 915 | Ll. | +0.13 | +7.5 |
| 867 | Ll. | -0.47 | +4.2 | 890 | Ll. | -0.31 | +10.8 | 918 | Ll. | -0.11 | -1.9 |

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# Anmerkungen

## zu den in diesem Supplementbande enthaltenen Sternverzeichnissen I. bis V. und zu den Nachträgen I. und II.

### 1) I. Sternverzeichniss von +15° bis +21° Decl.

Nro. 3. Wird AR. um 2″ grösser angenommen und dann mit Nro. 4 vereinigt, so hat man: $0^h\ 14'\ 54'',45 \ldots +20°\ 50'\ 13'',5$.

29. Mittel aus 2 Beobachtungen; die erste musste um 10″ in AR. vermehrt werden.

56. Rümkers Decl. um 1′ zu vermindern.

71. Es muss ohne Zweifel die Ablesung des Zonenbogens um 100 Schraubentheile = 33″,3 vermehrt werden, dadurch wird die Uebereinstimmung mit Ll. und B. hergestellt.

99. Rümker's Decl. um 10′ zu vermehren.

141. Lalande's Decl. um 1′ zu vermindern.

149. AR. bei Bessel nicht richtig.

220 — 224 — 232. Die drei Beobachtungen gehören zu demselben Stern, dessen Durchgang bei dem 1., 2. und 3. Faden aufgezeichnet wurde: der 1. Faden ist als unsicher bezeichnet und sollte wahrscheinlich 41″ heissen, der 2. Faden wäre nach dem Original 46″, sollte aber 56′, sein, der 3. Faden allein ist zur Positions-Berechnung zu gebrauchen; die Decl. ist nur einmal beobachtet: die beiden Nummern 220 und 224 fallen hiernach weg.

267. AR. ist im Original um 1′ zu gross angegeben (hier corrigirt.)

275. Zone 200 AR. um 1′ vermindert.

286. Zone 200. Decl. im Original corrigirt (unsicher).

342. Zone 202. AR. um 10″ vermindert (unsicher).

351. Zone 204. Decl. um 20′ vermehrt.

357. Bessel AR. um 10″ zu vermehren.

368. AR. bei Ll. nicht richtig.

404. Zone 205. Decl. um 100 Theile der Schraube = 33″,3 vermindert.

414. Decl. bei Ll. nicht richtig.

426. Zone 202 Faden 2 für 3 angenommen.

439. Zone 202. Decl. um 10″ vermehrt.

441. Ll. Decl. um 1′ zu vermindern.

513. AR. Mittel aus 2 Beobachtungen; die erste muss um 1″ vermehrt werden.

582. Zone 205. Decl. um 100 Theile der Schraube = 33″,3 vermehrt.

593. Zone 206. AR. um 10″ vermehrt.

602. Zone 204. Faden 5 für 4 angenommen; Corr. = -15″,02.

669. Wenn bei Zone 202 die AR. um 7″ vermindert wird, so erhält man

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im Mittel AR. 44″,49, so dass der Stern allenfalls als identisch mit Bessel 595 angenommen werden könnte.

Nro. 681. Zone 297. Decl. um 1′ vermehrt.

682. Zone 204. Decl. um 1′ vermehrt.

687. Wenn die AR. um 30″ vermindert, und dann mit Nro. 681 vereinigt wird, erhält man die AR. dieses Sterns um 0″,15 und die Decl. um 0″,3 grösser.

700. Zone 206. Faden 5 für 4 angenommen; Corr. = -15″,05. Decl. bei Rümker um 5′ zu vermindern.

703. Zone 204. Decl. um 10″ vermindert.

718. AR. könnte um 10″ zu vermehren sein.

763. Wenn die Decl. um 100 Theile der Schraube vermehrt und dann der Stern mit 764 vereinigt wird, so erhält man im Mittel: $20^h\ 32'\ 7'',68$ $+15°\ 18'\ 51'',1$.

768. Zone 204. Decl. um 10′ vermehrt.

781. Ll. Decl. um 5′ zu vermindern.

803. Wenn Faden 3 für 2 (Corr. = -14″,56) genommen und der Stern alsdann mit Nro. 801 vereinigt wird, so erhält man als Resultat: $20^h\ 35'\ 23'',51$ $+15°\ 34'\ 38'',7$.

830. Zone 209. Decl. um 2′ vermehrt.

832. Zone 209. Decl. um 1′ vermehrt.

837. Nach Rümker wäre die AR. zu gross um 2″ und die Decl. zu klein um ungefähr $^1/_2$ Minute.

885. Zone 205. Decl. um 10′ vermindert.

891. Zone 203. AR. um 1′ vermindert.

892. Zone 205. AR. um 10′ vermehrt (unsicher).

913. Zone 211. AR. um 1″ vermehrt.

931. Zone 203. AR. um 1″ vermehrt.

942. Mittel aus 2 Beobachtungen; zweite Beobachtung AR. um 4″ vermindert.

971. Vielleicht AR. um 1″ zu vermehren und bei der Ablesung des Zonenbogens 160 Theile anstatt 116 anzunehmen; der Stern wäre alsdann identisch mit Nro. 972: Mittel 55″,33 . . . 32″,4.

994. Nimmt man Faden 1 für Faden 4, so wird AR. = 59″,14 und der Stern wäre identisch mit Nro. 1004.

1006. Wenn man die AR. um 20″ vermehrt, so wird der Stern identisch mit Nro. 1010.

1029. Zone 204. Decl. um 10′ vermindert.

1030. Zone 202 die Ablesung des Zonenbogens um 100 Theile zu vermindern, alsdann wird die angegebene Decl. des Sterns um 2″,9 vermindert.

1058. Decl. um 6′ zu vermindern bei Rümker.

1059. Decl. unrichtig berechnet: es muss bei Zone 200 die Decl. um 100 Theile der Schraube vermindert werden und als Resultat ergibt sich $+15°\ 12'\ 38'',5$.

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Nro. 1068. Zone 202. Die Ablesung des Zonenbogens um 100 Theile zu vermindern: dadurch wird die angegebene Decl. um 0″,1 vermindert.

1082. AR. um 1ˢ zu vermindern und mit Nro. 1071 zu vereinigen; die AR. dieses Sterns wird alsdann um 0ˢ,14 grösser, und die Decl. um 0″,8 kleiner.

1087. Zone 208. Decl. um 6′ vermehrt.

1122. Zone 208. Faden 4 für 5 angenommen; Corr. $= +15″,09$.

1138. Zone 208. AR. um 1ˢ vermindert.

1156. Zone 210. Decl. um 100 Theile der Schraube vermehrt.

1157. AR. bei Bessel nicht richtig.

1164. Zone 204. AR. um 30″ vermindert.

1166. Zone 204. AR. Faden 5 für 4 angenommen; Corr. $= -15″,02$: um die Decl. von Zone 205 benützen zu können, müsste man beim Aufschreiben der Trommel-Ablesung eine Verwechselung von 32 mit 92 annehmen: die Decl. des Sterns würde dadurch um 1″,4 vermindert.

1191. Zone 200. AR. um 5″ vermindert.

1192. Zone 206. AR. um 1ˢ vermindert.

1207. Zone 212. Decl. um 1′ vermindert.

1222. Zone 211. Decl. um 18′ vermindert.

1233. Zone 211. Decl. um 1′ vermindert.

1255. Decl. um 100 Theile der Schraube zu vermehren; alsdann erhält man 41″,2 für 7″,9 und die Differenzen mit Lalande und Bessel sind $+1″,1$ und $+2″,0$.

1268. Zone 211. AR. um 1ˢ vermindert.

1271. Zone 300. Decl. um 1′ vermehrt.

1289. Zone 206. AR. um 1ˢ vermindert.

1292. Zone 208. Decl. um 1′ vermindert.

1323. Zone 202. AR. um 1ˢ vermindert.

1343. Bei Zone 202 die AR. um 2ˢ vermehrt, unsicher.

1345. Zone 200. Decl. um 1′ vermehrt.

1357. Zone 206. AR. um 1ˢ vermindert.

1381. Zone 208. AR. um 5ˢ vermehrt; im Original die Beobachtung als zweifelhaft bezeichnet.

1440. Bei Zone 206. AR. um 10ˢ zu vermehren.

1490. Zone 209. Decl. um 8′ vermindert.

1491. Zone 213. Decl. um 100 Theile der Schraube zu vermehren: alsdann wird im Mittel die Decl. des Sterns um 0″,4 vermindert.

1493. Zone 208. AR. um 1ˢ vermindert.

1547. Zone 208. AR. um 1ˢ vermehrt.

1559. Zone 208. Decl. um 6′ vermehrt.

1581. (33 Pegasi) hat eine Eigenbewegung von 0ˢ,027 in AR. und −0″,02 in Decl., während der nördlich vorausgehende Begleiter unbeweglich bleibt: nach Herschel's micrometrischen Messungen war im Jahre 1823 die Diff. AR. = 0ˢ,98; Diff. Decl. = 54″,3 und im Jahre 1844 sollte



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die Diff. AR. 1″,55, die Diff. der Decl. 54″,7 betragen haben: die Zonenbeobachtung gibt 1″,73 und 59″,1.

Nro. 1582. Zone 212. Decl. um 2′ vermehrt.

1583. Zone 209. Decl. um 6′ vermindert.

1595. Zone 210. AR. um 1″ vermehrt.

1628. Wird bei Zone 211 die Decl. um 100 Theile der Schraube vermehrt, so erhält dadurch die Decl. des Sterns eine Vermehrung von 1″.

1638. Wenn bei Zone 212 die Decl. um 100 Theile der Schraube vermindert wird, so erhält man die Decl. des Sterns um 0″,3 kleiner.

1641. Zone 209. AR. um 1″ vermindert.

1644. Zone 206. Decl. um 1′ vermindert.

1656. Zone 213. Faden 4 für 3 angenommen; Corr. in AR. = −15″,53.

1693. AR. im Original als unsicher bezeichnet: wollte man die AR. um 2′ vermehren, so könnte der Stern vereinigt werden mit Nro. 1703, dessen Position dadurch um +0″,22 und −0″,7 geändert würde.

1701. Zone 208. AR. um 2′ vermehrt.

1715. Decl. bei Bessel um 1′ zu vermehren.

## 2) Sternverzeichniss von +21° bis +24° Decl.

24. Zone 220. Die Ablesung des Zonenbogens um 100 Schraubentheile zu vermindern: diess gibt in der Decl. des Sterns eine Vermehrung von 0″,4.

29. Zone 220. Decl um 1′ vermehrt.

72. Zone 220. Faden 4 für 5 angenommen; Corr. = +15″,54.

78. Decl. um 100 Schraubentheile vermindert.

81. Zone 218. Decl. um 5′ vermehrt.

83. Zone 220. AR. um 1″ vermindert; im Original als zweifelhaft angegeben.

97. Zone 217. Decl. um 20″ und Zone 220 AR. um 1′ vermehrt.

100. η Andromedae, Decl. um 1′ zu vermindern.

147. Zone 217. AR. um 1′ vermehrt.

201. Eine Eigenbewegung von +0″,03 in AR. wahrscheinlich.

237. 238. Nach Bessel wäre für beide Sterne die AR. um 1″ zu vermehren; die Declinationen sind verwechselt und zwar kommt dieses Versehen schon bei der Beobachtung selbst vor: die Decl. des ersten Sterns muss bei Bessel um 30″ vermehrt werden.

318. Decl.-Ablesung zweifelhaft: sie wird wenigstens um 10″ zu klein sein.

360. Bei Zone 216 die Decl.-Ablesung um 100 Theile der Schraube zu vermehren: die Decl. des Sterns wird darnach um 1″,2 grösser.

377. Decl. um 100 Schraubentheile = 33″,3 vermindert.

391. Wollte man, was zwar als möglich, aber nicht sehr wahrscheinlich zu betrachten wäre, bei Zone 217 die Ablesung des Zonenbogens um 100 Schraubentheile = 33″,3 vermehren, so würde die Decl. um 1″,6 grösser.

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Nro. 404. Zone 216. Decl. um 1′ vermindert.

443. Ursprünglich wurde die Position aus den Zonen 317 und 318 abgeleitet und AR. 59″,24; Decl. 28″,1 gefunden; auf diese Position beziehen sich die in der Note II angegebenen Abweichungen: später ist noch eine etwas unsichere Beobachtung aus Zone 216, wobei jedoch die AR. um 13″ vermindert werden musste, hinzugefügt und so die im Verzeichnisse angegebene Position gefunden worden.

482. Decl. bei Bessel um 1′ zu vermindern.

493. Zone 221. Decl. um 8′ vermindert.

501. Zone 218. AR. um 1′ vermindert.

502. Zone 219. Decl. um 1′ vermehrt: der Stern kommt bei Rümker vor in AR. um 0″,15 mehr, in Decl. um 2″,9 weniger.

505. Zone 218. Decl. um 10′ vermehrt.

506. Zone 220. Decl. um 20′ vermehrt.

529. Bei Zone 219 muss die AR. um 10″ und in Folge dessen die AR. des Sterns um 5″ vermindert werden.

536. Zone 216. AR. um 30″ vermehrt.

553. Zone 218. Decl. um 30′ vermehrt.

554. Der aufgezeichnete Fadendurchgang heisst 29″,5, während der Beobachter wahrscheinlich 21″,5 dictirt haben wird: diess vorausgesetzt ergibt sich die AR. um 8″ kleiner.

577. Zone 218. Decl. um 10′ vermehrt; im Original als unsicher bezeichnet.

578. Zone 221. AR. um 1′ vermindert.

594. Bei Zone 217. Decl.-Ablesung 45 Minuten und 15 Schraubentheile: wenn man nun die Minuten um 2 vermindert und die Schraubentheile um 100 vermehrt, so erhält man 27′ 44″,3 und als Decl. des Sterns im Mittel 47″,2.

## 3) Sternverzeichniss von -15° bis -21° Decl.

34. Decl. um 3′ von Lalande abweichend.

122. Zone 317. Faden 2 für 5 angenommen; Corr. = +45″,05.

307. Zone 389. Decl. um 1′ nördlicher angenommen.

330. Bei Zone 325 steht im Drucke -2″, was so viel heissen sollte, als nach Schätzung 2′ unter dem Nullpuncte des Zonenbogens: die Decl. ist demnach -15° 56′.

341. Zone 389. AR. um 10″ vermindert.

347. Zone 383. AR. um 10″ vermehrt.

372. Zone 363. Faden 5 für 4 genommen; Corr. = -15″,04.

401. Zone 390. Decl. um 10′ nördlicher angenommen.

402. Faden 4 für 5 genommen; Corr. = +15″,08.

403. Die angegebene Decl. muss nach Lalande und Argelander um 1′30″ vermindert werden.

438. Zone 328 bei Decl. im Mittel ausgeschlossen in Folge eines Rechnungsfehlers: nach erfolgter Berichtigung wird das Mittel 47″,4 für 47″,1.

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Nro. 474. Zone 328. Faden 3 für 5 angenommen; Corr. = +30″,40.

502. Zone 390. Decl. um 1′ nördlicher angenommen.

562. Zone 395. Decl. um 1′ nördlicher angenommen.

600. Mittel aus 2 Beobachtungen: bei der ersten Beobachtung Faden 4 für 5 angenommen; Corr. = +15″,08.

648. Zone 363. AR. um 4′ vermehrt.

711. Wahrscheinlich bei Zone 395 die AR. um 1″ zu vermehren, alsdann erhält man im Mittel 29″,43.

730. In Zone 330 sollte wahrscheinlich die Decl. dieses Sterns um 20′ nördlicher angenommen werden, und man hätte alsdann 58″,7 anstatt 55″,4.

748. Zone 408. Decl. um 18′ südlicher angenommen.

759. Decl. weicht um 10′ von Lalande ab.

760. Zone 395. Decl. um 1′ nördlicher angenommen.

804. Die Decl. muss bei Lalande um 5′ vermehrt werden.

819. Zone 333. AR. um 20″ vermindert.

841. Zone 408. Decl. sollte vielleicht um 20″ nördlicher angenommen werden.

992. Die Decl. muss bei Lalande um 5′ vermehrt werden.

1047 muss mit Nro. 1048 vereinigt und die AR. von Zone 378 um 1′ vermindert werden; man erhält hienach: AR. 4″,19 und Decl. 51′ 0″,3.

1086. Aus Versehen in diesem Verzeichnisse aufgenommen, ebenso Nro. 1118.

1138. Wollte man bei Zone 330 die AR. um 1″ vermindern, so würde man eine nahe Uebereinstimmung der beiden Beobachtungen und als Mittel 18″,20 erhalten.

1140. Zone 408. Decl.-Ablesung 5″: nimmt man dafür 50″ an, so erhält man als Decl. 25′ 9″,1 und im Mittel 25′ 8″,2.

1162. Zone 410. Decl. um 1′ südlicher angenommen; im Original als unsicher bezeichnet.

1182. Zone 330. Faden 1 für 2 angenommen; Corr. = +15″,23.

1231. Decl. bei Lalande um 9′ zu vermindern.

1239. Zone 378. AR. um 1″ vermehrt.

1245. Die hier angegebene Position stimmt mit Argelander überein, Bessel weicht um 3″ in AR. und um 30″ in Decl. ab: grosse eigene Bewegung nicht unwahrscheinlich.

1301 um 4″ in AR. und 4′ in Decl. von Lalande abweichend.

1307. Zone 338. Decl. sollte vielleicht um 20″ nördlicher angenommen werden.

1319. Zone 333. AR. um 2″ vermehrt.

1334. Die Decl. weicht von Lalande um 5′ ab.

1337. Zone 338. Decl. sollte vielleicht um 20″ nördlicher angenommen werden.

1385. Faden-Angabe unsicher im Original. Nach Rümker muss Faden 2 anstatt 1 genommen werden, und man erhält alsdann 11′ 50″,85 für 12′ 6″,43.

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Nro. 1391. Wenn man bei Zone 338 die Decl. um 20″ nördlicher annehmen wollte, so würde die Decl. des Sterns um 0″,4 grösser werden.

1394. Zone 377. Beobachtung im Original als zweifelhaft bezeichnet; nimmt man AR. um 1ˢ grösser an, so erhält man im Mittel 55ˢ,24.

1581. Zone 417. Decl. sollte vielleicht um 10″ nördlicher angenommen werden.

1602. Zone 338. AR. um 10ˢ vermindert; im Original die Beobachtung als unsicher angegeben.

## 4) Sternverzeichniss von -21° bis -27° Decl.

69. ~~Zone 402. AR. um 1ˢ vermindert.~~ 402 + 1ˢ

103. Zone 402. AR. um 1ˢ vermindert.

128. Wird die erste AR. um 1ˢ vermehrt, so erhält man zwei ganz übereinstimmende Beobachtungen, welche im Mittel die AR. 41ˢ,82 geben.

151 und 153 wahrscheinlich identisch, und wird die eine oder andere Zone um eine Fadendistanz zu ändern sein. Wird Nro. 151 geändert, so erhält man 45′ 12ˢ,55, ändert man aber Nro. 153 so wird AR. 44′ 55ˢ,65: bei Argelander kommt ein Stern mit derselben Decl. vor, die AR. ist aber 45′ 1ˢ,93.

163. Zone 402. AR. um 1ˢ vermindert.

187. Zone 403. Decl. um 1′ südlicher angenommen.

237. Note IV ausgefallen; sie ist IV (401) +0ˢ,16 +2″.0; (402) +0ˢ,10 +0″,8; (403) -0ˢ,27 -3″,7.

244. Note V. (399) +0ˢ,14 -0″,6; (400) -0ˢ.14 +0″,6.

311. Zone 408. Decl. um 20′ südlicher angenommen.

443. Zone 400. Faden 2 und 3 anstatt 3 und 4 angenommen; Corr. = +31ˢ,51.

480—481. Bei Nro. 480 ist bezüglich der Decl. blos angegeben, dass der Stern einige Minuten südlich von der Gränze -23° 54′ sich befand: hiernach wird man ihn als identisch mit Nro. 481 annehmen können und durch die Vereinigung wird die AR. des letzteren um 0ˢ,03 vermindert.

484. Zone 402. Decl. um 30′ südlicher angenommen.

509—510. Hier ist derselbe Fall wie bei Nro. 480—481: der zweite Stern muss mit dem ersten vereinigt werden, und die AR. des ersten wird dadurch um 0ˢ,11 vermehrt.

530. Die Beobachtung gibt nur an, dass der Stern einige Minuten südlich von -25° 54′ sich befand; in den verschiedenen Zonen-Beobachtungen kommt aber an dieser Stelle kein Stern vor: nicht weit davon entfernt ist Lacaille 8457: 20ʰ 19′ 0ˢ,8 -26° 5′ 14″.

661. Zone 400. Decl. um 1′ südlicher angenommen.

714. Zone 399. AR. um 1ˢ vermehrt.

722. Die Decl. von Lalande um 29′ zu vermindern: bei Argelander kommt ein Stern vor dessen AR. um 10ˢ vermindert werden müsste, um ihn mit Nro. 722 identisch zu machen.

748. Die Decl. von Lalande um 8′ zu vermindern.

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## 5) Sternverzeichniss von -27° bis -33° Decl.

Nro. 50 würde mit einem Stern von Argelander's Zonen identisch sein, wenn man den 4. anstatt den 3. Faden nimmt.

124. Zone 405. Decl. um 1′ nördlicher angenommen.

154. Bei der Reduction wurde angenommen, dass die beiden Fadendurchgänge auf denselben Stern sich beziehen und die eine oder andere Ablesung des Zonenbogens corrigirt werden müsste: es sind aber zwei verschiedene Sterne von denen der erste richtig beobachtet ist, der zweite aber in AR. einer Correction bedarf, weil 51″,1 aufgeschrieben wurde, während der Beobachter 59″,1 dictirt haben wird: nach dieser Voraussetzung ergibt sich für die Position des ersten Sterns $19^h\ 26'\ 31'',67\ -29°\ 1'\ 35'',2$ und für die Position des zweiten Sterns $19^h\ 26'\ 40'',20\ -28°\ 59'\ 35'',7$; mit Argelander ziemlich nahe übereinstimmend.

171. Zone 405. AR. um 1′ vermindert.

196. Zone 411. AR. um 1′ vermindert.

204. Zone 405. AR. um 1′ vermehrt.

207. Zone 411. Faden 2 für 3 angenommen; Corr. = +16″,26.

232. Die Zone 411 ist mit Zone 413 vereinigt worden, unter der Annahme, dass die beobachtete Decl. von Zone 411 um 1° 10′ zu vermindern sei.

266. Zone 405. Decl um 20′ südlicher angenommen.

387. Zone 411. Decl. um 5′ südlicher angenommen.

## 6) Nachtrag I.

100. Zone 863. Decl. um 3′ vermehrt.

127. Ein Stern dessen AR. um 3″ grösser und dessen Decl. um 20″ kleiner ist, kommt bei Bessel und Schjellerup vor.

135. Eine Eigenbewegung wahrscheinlich.

328. Vielleicht identisch mit einem Bessel'schen Stern, dessen Position für 1850 = $10_h\ 6'\ 26'',87\ -4°\ 12'\ 9'',9$ sein würde.

451. Bessel's Decl. ist nahe um 3′ grösser.

463. Bessel's Decl. ist um 20′ grösser.

490. Faden 2 für 1 angenommen.

531. Bei Rümker ein Fehler von 10′ in Decl.

539. Bei Lalande ein Fehler von 4′ in Decl.

557. Aus der Vergleichung mit Lalande und Bessel würde sich eine Eigenbewegung von -5″ in Decl. ergeben.

563. Die AR. richtig: Bessel's AR. ist nahe um 10″ kleiner.

564. Kommt in Piazzi und Argelander vor; Lalande hat einen Stern der 13′ nördlicher stehen würde.

577. Die Decl. wahrscheinlich um 3′ zu vermindern: die Positionen von Bessel und Argelander stimmen überein.

702. Bei Lalande ein Fehler von 1′ in Decl.; der Stern kommt bei Argelander vor.

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Nro. 711. Kommt bei Argelander vor: ein etwas grösserer Stern, 2′ südlicher, ist von Bessel und Lalande beobachtet worden.

764. Decl. bei Bessel um 2′ 22″ kleiner.

793. AR. bei Lalande um 24″ kleiner.

837. Die Decl. ist bei Lalande um 1′ kleiner, bei Rümker um 10″ grösser; vielleicht verschiedene Sterne.

893. (53 Virginis) im British Catalogue wird die Eigenbewegung zu +0″,009 −0″,29 angegeben: die obige Beobachtung mit Rümker und Argelander verglichen, würde für Decl. −0″,50 geben.

## 7) Nachtrag II.

Anmerkung. Die in den früher gedruckten Verzeichnissen enthaltenen Rectascensionen und Declinationen sind mit AR. (1) und Decl. (1), die neuen Bestimmungen mit AR. (2) und Decl. (2) bezeichnet.

### a) Decl. von −3° 0′ bis +3° 0′.

5671. Decl. (1) um 2′ zu vermindern. (Druckfehler).

5739. Decl. (1) um 1′ zu vermindern. Zone 183 Ablesung des Zonenbogens um 1′ zu vermindern.

6397. Zone 104. AR. um 1″ und Zone 568 um 0″,40 zu vermehren, so dass man im Mittel für AR. (1) 50″,99 und als Differenz −0″,13 erhält.

6428. AR. (2) unrichtig: wahrscheinlich ist ein zufälliger Punct als erster Faden des Systems abgelesen, dann der letzte Faden übersehen worden: die unter dieser Voraussetzung beizufügende Verbesserung beträgt +2″,34 und als Differenz mit AR. (1) erhält man +0″,10.

7668. Decl. (1) um 1′ zu vermindern.

### b) Decl. von +3° 0′ bis +9° 0′.

576. Zone 805. Zweite Declinations-Ablesung um 3′ vermehrt.

679. Zone 816. Decl. um 1′ vermehrt.

711. Decl. (1) 44″,1 soll 27″,1 heissen.

803. Decl. (1) 38″,6 soll 21″,6 heissen.

858. Zone 805. Die Decl. wahrscheinlich um 26″ zu vermindern, alsdann erhält man die Differenz +1″,7.

956. Die AR. (1) um 1″ zu vermindern. (Druckfehler).

2201. Zone 675. Decl. um 5′ vermehrt.

2521. Zone 825. Decl. um 1′ vermindert.

2530. Zone 856. Decl. um 1′ vermindert.

2554. Die AR. (2) stimmt mit Lalande überein.

2556. Differenz AR. +1″,11; aus sämmtlichen Beobachtungen lässt sich eine eigene Bewegung von −0″,04 in AR. und +0″,45 in Decl. ableiten.

3197. Bedeutende eigene Bewegung.

3405. Decl. (1) 10′ für 11′ zu setzen.

3707. Zone 882. Decl. um 6′ vermehrt.

3739. Bei Zone 826 wie früher bei Zone 194 die Decl. um 10′ vermehrt, es

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scheint aber, dass zwei verschiedene Sterne beobachtet worden sind, wovon der eine (Zone 193 und 243) die Position 50′ 20″,96 . . . 26′ 7″,6, der andere (Zone 194 und 826) die Position 50′ 21″,04 . . . 16′ 8″,5 hat.

Nro. 3914. Decl. (1) 16″,7 für 29″,3 zu setzen.

4009. Differenz −1″,13: ein Fehler in der Rechnung nicht zu finden.

4229. Zone 851. Decl. um 1′ vermindert.

4371. Zone 847. Faden 5 für 4 angenommen. Corr. = −22″,93.

4588. Zone 857. Decl. um 1′ vermindert.

4597. Zone 832. Decl. um 1′ vermindert.

4752. $\beta$ Aquilae; nach dem Berliner Jahrbuch hat man für 1850 AR. 56″,77 Decl. 2′ 7″,1. Werden die Zonenbeobachtungen mit einer eigenen Bewegung von +0″,007 und −0″,54 auf 1850 reducirt, so erhält man AR. (1) und Decl. (1) 56″,81 . . . 9″,9, dann AR. (2) und Decl. (2) 56″,85 . . . 10″,2.

4899. Zone 862. Decl. um 10′ vermehrt.

5122. Zone 862. Decl. um 1′ vermehrt.

5594. Bei Bestimmung der Differenz ist angenommen worden, dass die AR. (1) um 1″ zu vermindern sei; die ohne diese Correction sich herausstellende Differenz von 1″ könnte aber auch von einer Eigenbewegung herrühren.

### c) Decl. von −3° 0′ bis −9° 0′.

534. AR. (1) um 1′ zu vermindern, der Stern kommt bei Bessel vor.

657. Zwischen Decl. (1) und Decl. (2) 1′ Unterschied.

722. Bei Zone 802 Decl. um 1′ nördlicher angenommen.

744. Bei Zone 803 Decl. um 1′ nördlicher angenommen.

765. Decl. (2) unrichtig.

814. In AR. 10″ Unterschied; ohne Zweifel AR. (1) um 10″ zu vermindern. (Beobachtungsfehler.)

922. Zone 802. Decl. um 3′ südlicher angenommen.

1022. Ohne Zweifel die Decl. (1) um 20″ zu vermindern. (Ablesungsfehler).

1108. Zwischen Decl. (1) und Decl. (2) 2′ Unterschied.

1788. Die AR. (1) unrichtig, Berechnung richtig.

2001. Decl. (1) fehlerhaft: um den Fehler zu berichtigen, müsste man die Minuten-Ablesung des Zonenbogens um 1′ vermindern und die Trommel-Ablesung um 100 vermehren.

2924. Eigenbewegung in Decl. −0″,45; darnach hätte man für 1850 Decl. (1) −5° 55′ 0″,0 und Decl. (2) −5° 55′ 1″,7.

3032. Bei AR. (1) eine Fadendistanz hinzuzufügen.

3119. Zone 255. Faden 4 anstatt 3 zu nehmen; Corr. −14″,96.

3128. Die Decl. der Zone 257 ganz unsicher: Zone 572 gibt −5 34′ 7″ 6.

3240. Decl. (1) um 5′ zu vermindern. (Ablesungsfehler).

3422. Decl. (2) um 1′ zu vermehren.

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### d) Decl. von +9° 0′ bis +15° 0′.

Nro. 495. In Zone 320 ist der beobachtete Durchgang des zweiten Sterns über den 5. Faden 55″,6 ganz weggeblieben und der Schreiber hat beim Durchgang des ersten Sterns über den 4. Faden 21″,3 anstatt 29″,3 verstanden, was aber 39″,3 (Fehler im Zählen) hätte heissen sollen: als Resultat erhält man für den ersten Stern $11^h$ 44′ 13″,32 und für den zweiten Stern $11^h$ 44′ 13″,92; die corrigirte Decl. +9° 39′ 31″,2 gehört wahrscheinlich zum zweiten Stern, ist aber um 2′ zu klein.

643. Decl. (2) um 1′ zu vermindern.

691. Decl. 19′ und 38′ zwei verschiedene Sterne, letzterer in AR. um 3″ grösser.

747. Hat in Decl. eine beträchtliche eigene Bewegung (ungefähr −0″,25).

790. Decl. (2) ungefähr um 10″ zu klein.

997. Decl. (2) um 1′ zu vermindern. (Beobachtungsfehler).

1857. Decl. (2) um 1′ zu vermindern.

### e) Decl. von -9° 0′ bis -15° 0′.

1116. Eigene Bewegung von −1″,02 in Decl.: wenn diese in Rechnung gebracht wird, so hat man 10″,2 +0″,8.

1223.* AR. (1) wahrscheinlich um 1″ zu vermehren.

1247. Eigene Bewegung AR. −0″,055 und Decl. +0″,17 in Rechnung zu bringen.

1294. AR. (2) im Original als unsicher bezeichnet.

1337. Eigene Bewegung von −0″,056 in AR. wahrscheinlich.

1350. Eigene Bewegung in AR. wahrscheinlich.

2600. Decl. (1) und Decl. (2) weichen um 1′ von einander ab.

2659. Zone 255. AR. um 1″ zu vermehren, alsdann erhält man für AR. (1) 12″,80.

# Reductions-Elemente

## der Zonen, welche bei den fünf Sternverzeichnissen des gegenwärtigen Supplementbandes, so wie bei den Nachträgen benützt worden sind.

### A) Faden-Distanzen.

Für die beiden Nachträge sind die Faden-Distanzen im V., VIII., IX., XI., und XII. Supplementbande schon angegeben: für die fünf Sternverzeichnisse gelten folgende Faden-Distanzen, wobei bemerkt wird, dass in der ersten Periode das Fadennetz aus 5 einfachen Fäden, in der zweiten Periode aus 5 Systemen zu je 5 Fäden, in der dritten Periode aus 4 Seitensystemen zu 3 und einem Mittelsystem zu 5 Fäden bestand.



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I. Periode von 1841 bis 1849.

| Decl. | I. | II. | III. | IV. | V. |
|---|---|---|---|---|---|
| | " | " | " | " | " |
| 15° . . | +29.989 | +14.821 | +0.236 | -15.020 | -30.026 |
| 16 . . | 30.135 | 14.893 | 0.237 | 15.093 | 30.171 |
| 17 . . | 30.291 | 14.970 | 0.238 | 15.172 | 30.328 |
| 18 . . | 30.458 | 15.052 | 0.240 | 15.255 | 30.495 |
| 19 . . | 30.636 | 15.141 | 0.241 | 15.344 | 30.674 |
| 20 . . | 30.826 | 15.235 | 0.243 | 15.439 | 30.864 |
| 21 . . | 31.032 | 15.336 | 0.244 | 15.542 | 31.070 |
| 22 | 31.242 | 15.440 | 0.246 | 15.647 | 31.280 |
| 23 | 31.469 | 15.552 | 0.248 | 15.761 | 31.507 |
| 24 | 31.709 | 15.671 | 0.250 | 15.881 | 31.748 |
| 25 | 31.962 | 15.796 | 0.252 | 16.008 | 32.001 |
| 26 | 32.229 | 15.928 | 0.254 | 16.142 | 32.269 |
| 27 | 32.511 | 16.067 | 0.256 | 16.283 | 32.551 |
| 28 | 32.808 | 16.214 | 0.258 | 16.432 | 32.848 |
| 29 | 33.120 | 16.368 | 0.261 | 16.588 | 33.161 |
| 30 | 33.448 | 16.531 | 0.263 | 16.753 | 33.489 |
| 31 | 33.794 | 16.701 | 0.266 | 16.925 | 33.835 |
| 32 | 34.158 | 16.881 | 0.269 | 17.108 | 34.199 |
| 33 | 34.540 | 17.070 | 0.272 | 17.299 | 34.582 |

II. Periode von 1850 bis 1862.

| | | | | | |
|---|---|---|---|---|---|
| 15° . . | +37.668 | +18.295 | -0.037 | -18.254 | -37.672 |
| 16 | 37.850 | 18.383 | 0.037 | 18.342 | 37.855 |
| 17 | 38.046 | 18.478 | 0.038 | 18.437 | 38.051 |
| 18 | 38.256 | 18.580 | 0.038 | 18.539 | 38.261 |
| 19 | 38.480 | 18.689 | 0.038 | 18.648 | 38.485 |
| 20 | 38.718 | 18.805 | 0 038 | 18.763 | 38.723 |
| 21 | 38.977 | 18.930 | 0.039 | 18.889 | 38.982 |
| 22 | 39.241 | 19.059 | 0.039 | 19.017 | 39.245 |
| 23 | 39.525 | 19.197 | 0.039 | 19.154 | 39.530 |
| 24 | 39.827 | 19.343 | 0.039 | 19.300 | 39.832 |
| 25 | 40.145 | 19.498 | 0.040 | 19.455 | 40.149 |
| 26 | 40.481 | 19.661 | 0.040 | 19.617 | 40.485 |
| 27 | 40.835 | 19.833 | 0.040 | 19.789 | 40.839 |
| 28 | 41.208 | 20.014 | 0.041 | 19.970 | 41.213 |
| 29 | 41.600 | 20.204 | 0.041 | 20.160 | 41.605 |
| 30 | 42.013 | 20.405 | 0.042 | 20.360 | 42.017 |
| 31 | 42.446 | 20.615 | 0.042 | 20.570 | 42.451 |
| 32 | 42.903 | 20.837 | 0 042 | 20.791 | 42.908 |
| 33 | 43.383 | 21.070 | 0.043 | 21.023 | 43.388 |

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III. Periode nach 1862.*

| Decl. | I. | II. | III. | IV. | V. |
|---|---|---|---|---|---|
| | " | " | " | " | " |
| 15° . . | +49.474 | +25.896 | 0.000 | −25.975 | −49.577 |
| 16 | 49.714 | 26.022 | " | 26.101 | 49.818 |
| 17 | 49.971 | 26.156 | " | 26.236 | 50.075 |
| 18 | 50.247 | 26.301 | " | 26.381 | 50.351 |
| 19 | 50.541 | 26.455 | " | 26.536 | 50.647 |
| 20 | 50.854 | 26.619 | " | 26.700 | 50.960 |
| 21 | 51.194 | 26.797 | " | 26.878 | 51.300 |
| 22 | 51.541 | 26.978 | " | 27.060 | 51.648 |
| 23 | 51.915 | 27.174 | " | 27.256 | 52.022 |
| 24 | 52.311 | 27.831 | " | 27.464 | 52.419 |
| 25 | 52.728 | 27.599 | " | 27.683 | 52.838 |
| 26 | 53.169 | 27.831 | " | 27.915 | 53.280 |
| 27 | 56 634 | 28.074 | " | 28.159 | 53.745 |
| 28 | 54.124 | 28.330 | " | 28.417 | 54.236 |
| 29 | 54.639 | 28.599 | " | 28.687 | 54.752 |
| 30 | 55.181 | 28.883 | " | 28.971 | 55.295 |
| 31 | 55.751 | 29.181 | " | 29.271 | 55.866 |
| 32 | 56.351 | 29.496 | " | 29.586 | 56.468 |
| 33 | 56.981 | 29.826 | " | 29.916 | 57.099 |

Von 1841 bis 1849 befand sich vor und nach dem Mittelfaden III ein Hülfsfaden; die Distanzen waren wie folgt:

| Decl. | 1. Hülfsfaden | 2. Hülfsfaden. |
|---|---|---|
| | " | " |
| 15° | +3.927 | −3.780 |
| 20 | 4.036 | 3.885 |
| 25 | 4.185 | 4.028 |
| 30 | 4.380 | 4.216 |

Diese Hülfsfäden wurden nur bei Beobachtung des Polarsterns benützt und werden hier bloss desswegen angeführt, weil es bei Zonenbeobachtungen öfters vorgekommen ist, dass der eine oder andere davon aus Versehen für den Mittelfaden gehalten und der Durchgang über denselben als Durchgang über den Mittelfaden eingetragen worden ist.

* Nach den verbesserten Werthen berechnet; ebenso auch 9° bis 15

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**B) Verzeichniss der Zonen in welchen die im gegenwärtigen Supplementbande enthaltenen Sterne vorkommen, nebst Reduction auf den Anfang des Jahres für den Anfang jeder Zone.**

| Nummer der Zonen | Jahr und Tag | Abstand von 1850 | Reduction auf den Anfang des Jahres für Anfang der Zone. | | |
|---|---|---|---|---|---|
| | | | Anfang | AR. | Declination |
| | a) Sterne von +15° bis +21° Decl. | | h ′ | ″ | ° ′ ″ |
| 200 | 1842. Aug. 22 | -7.36 | 18 40 | -29.74 | +14 7 46.2 |
| 201 | Sept. 2 | -7.33 | 19 26 | -32.39 | 14 7 36.1 |
| 202 | 3 | -7.32 | 19 41 | -32.60 | 14 7 48.6 |
| 203 | 5 | -7.32 | 19 23 | -33.39 | 14 38 9.6 |
| 204 | 7 | -7.32 | 19 19 | -34.09 | 15 7 41.1 |
| 205 | 16 | -7.29 | 19 23 | -38.99 | 15 37 0.3 |
| 206 | 17 | -7.28 | 20 1 | -39.70 | 15 38 5.2 |
| 207 | 19 | -7.28 | 20 37 | -40.85 | 16 7 55.3 |
| 208 | Oct. 8 | -7.23 | 20 0 | - 7.43 | 16 7 45.0 |
| 209 | 10 | -7.22 | 20 17 | - 8.09 | 16 22 44.0 |
| 210 | 11 | -7.22 | 20 36 | - 8.31 | 16 37 37.3 |
| 211 | 15 | -7.21 | 20 28 | - 9.76 | 17 7 13.4 |
| 212 | 17 | -7.20 | 20 19 | - 9.84 | 18 7 0.8 |
| 213 | 18 | -7.20 | 20 19 | -10.04 | 18 22 30.0 |
| 214 | 21 | -7.20 | 20 20 | -10.31 | 18 37 35.9 |
| 215 | 22 | -7.19 | 20 47 | -10.79 | 20 23 8.4 |
| 216 | Nov. 11 | -7.14 | 20 54 | - 4.38 | 20 22 57.3 |
| 217 | Dec. 1 | -7.08 | 21 52 | + 4.14 | 20 41 36.4 |
| 218 | 2 | -7.08 | 22 0 | + 4.46 | 20 52 46.6 |
| 296 | 1844. Aug. 17 | -5.37 | 18 9 | -50.50 | 17 6 55.3 |
| 297 | 30 | -5.34 | 15 53 | -27.51 | 19 6 56.6 |
| 300 | Sept. 6 | -5.32 | 19 14 | -15.90 | 15 6 48.9 |
| 305 | 12 | -5.22 | 20 4 | - 2.19 | 19 6 43.8 |

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| Nummer der Zonen | Jahr und Tag | Abstand von 1850 | Reduction auf den Anfang des Jahres für Anfang der Zone. Anfang | AR. | Declination |
|---|---|---|---|---|---|
| | **b) Sterne von +21° bis +27° Decl.** | | h ′ | ″ | ° ′ ″ |
| 215 | 1842. Oct. 22 | -7.19 | 20 47 | -10.79 | +20 23 8.4 |
| 216 | Nov. 11 | -7.14 | 20 54 | - 4.38 | 20 22 57.3 |
| 217 | Dec. 1 | -7.08 | 21 52 | + 4.14 | 20 41 36.4 |
| 218 | 2 | -7.08 | 22 0 | + 4.46 | 20 52 46.6 |
| 219 | 13 | -7.05 | 23 5 | + 9.67 | 21 7 52.7 |
| 220 | 14 | -7.05 | 22 50 | +10.52 | 21 7 33.7 |
| 221 | 15 | -7.04 | 22 50 | +11.23 | 21 37 19.4 |
| 222 | 16 | -7.04 | 22 50 | +12.09 | 22 6 44.8 |
| 223 | 17 | -7.04 | 23 10 | +12.75 | 22 7 31.4 |
| 297 | 1844. Aug. 30 | -5.34 | 18 53 | -27.51 | 19 6 56.6 |
| 298 | 31 | -5.34 | 18 45 | -25.65 | 21 6 58.7 |
| 305 | Oct. 12 | -5.22 | 20 4 | - 2.19 | 19 6 43.8 |
| | **c) Sterne von -15° bis -21° Decl.** | | | | |
| 282 | 1844. April 30 | -5.67 | 10 47 | -12.58 | -17 53 49.0 |
| 317 | 1845. April 14 | -4.72 | 9 24 | -26.83 | 15 53 36.3 |
| 318 | 19 | -4.70 | 9 48 | -26.93 | 15 53 40.1 |
| 324 | Juni 17 | -4.54 | 14 52 | -39.22 | 15 53 58.3 |
| 325 | Juli 3 | -4.54 | 15 58 | -46.86 | 15 54 8.2 |
| 328 | 30 | -4.42 | 17 31 | -58.67 | 15 54 25.6 |
| 330 | Sept. 2 | -4.33 | 18 36 | -48.46 | 15 54 30.2 |
| 332 | 6 | -4.32 | 18 37 | -44.96 | 15 54 31.1 |
| 333 | 10 | -4.30 | 18 53 | -41.51 | 15 54 34.7 |
| 338 | Oct. 25 | -4.18 | 20 29 | - 4.00 | 15 54 46.6 |
| 345 | Nov. 29 | -4.09 | 22 2 | -11.65 | 15 54 41.0 |
| 347 | 1846. Febr. 26 | -3.84 | 4 56 | +40.87 | 15 53 57.8 |
| 354 | März 30 | -3.76 | 7 53 | +60.69 | 15 53 45.8 |
| 357 | Juni 2 | -3.58 | 13 44 | -28.00 | 15 53 53.5 |
| 363 | Juli 9 | -3.48 | 16 25 | +211.29 | 15 53 57.5 |

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| Nummer der Zonen | Jahr und Tag | Abstand von 1850 | Reduction auf den Anfang des Jahres für Anfang der Zone. Anfang | AR. | Declination |
|---|---|---|---|---|---|
| | | | h ′ | ″ | ° ′ ″ |
| 364 | 1846. Juli 13 | -3.47 | 15 54 | +32.21 | -15 54 1.0 |
| 377 | Sept. 4 | -3.32 | 18 21 | + 0.96 | 15 54 52.7 |
| 378 | 5 | -3.32 | 18 29 | + 0.96 | 15 54 55.3 |
| 388 | 1847. Juni 14 | -2.55 | 14 31 | +22.09 | 15 53 30.1 |
| 389 | 22 | -2.52 | 14 53 | +27.27 | 15 53 33.5 |
| 390 | Juli 9 | -2.48 | 16 38 | +36.93 | 15 53 43.9 |
| 391 | 13 | -2.47 | 16 45 | +38.40 | 15 52 37.6 |
| 393 | 16 | -2.46 | 17 9 | +38.81 | 17 52 8.9 |
| 394 | 17 | -2.46 | 17 17 | +39.24 | 19 53 0.1 |
| 395 | 22 | -2.44 | 17 20 | +40.11 | 17 53 50.9 |
| 396 | 24 | -2.44 | 16 47 | +40.44 | 19 53 10.0 |
| 397 | 30 | -2.42 | 18 4 | +40.71 | 19 54 5.2 |
| 398 | 31 | -2.42 | 18 4 | +40.78 | 21 54 57.4 |
| 407 | Aug. 30 | -2.34 | 18 32 | -18.94 | 21 53 23.1 |
| 408 | Sept. 10 | -2.30 | 18 44 | -17.55 | 21 53 31.3 |
| 409 | 11 | -2.30 | 19 28 | -17.40 | 19 53 7.1 |
| 410 | 13 | -2.30 | 19 1 | -16.32 | 17 53 3.4 |
| 416 | Nov. 3 | -2.16 | 21 17 | + 9.31 | 21 53 36.9 |
| 417 | Dec. 4 | -2.08 | 22 48 | +22.63 | 17 53 17.3 |
| 748 | 1863. Juli 6 | +13.52 | 16 49 | +15.53 | 15 52 40.7 |
| 764 | Aug. 4 | +13.59 | 17 48 | +31.26 | 15 52 56.2 |
| | **d) Sterne von -21° bis -27° Decl.** | | | | |
| 398 | 1847. Juli 31 | -2.42 | 18 4 | -40.78 | -21 54 57.4 |
| 399 | Aug. 11 | -2.39 | 18 6 | +43.23 | 23 54 17.7 |
| 400 | 12 | -2.38 | 17 59 | +43.44 | 23 54 16.8 |
| 401 | 13 | -2.38 | 18 6 | +43.69 | 25 53 52.7 |
| 402 | 15 | -2.38 | 18 2 | +43.99 | 25 53 55.9 |
| 403 | 16 | -2.38 | 17 42 | +44.24 | 25 53 57.1 |
| 404 | 17 | -2.37 | 18 3 | +44.25 | 27 54 22.6 |
| 407 | 30 | -2.34 | 18 32 | -18.94 | 21 53 23.1 |

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| Nummer der Zonen | Jahr und Tag | Abstand von 1850 | Reduction auf den Anfang des Jahres für Anfang der Zone | | |
|---|---|---|---|---|---|
| | | | Anfang | AR. | Declination |
| | | | h ′ | ″ | ° ′ ″ |
| 408 | 1847. Sept. 10 | -2.30 | 18 44 | -17.55 | -21 53 31.3 |
| 415 | Oct. 16 | -2.21 | 20 14 | - 1.57 | 23 53 53.1 |
| 416 | Nov. 3 | -2.16 | 21 17 | + 9.71 | 21 53 36.9 |
| | **e) Sterne von -27° -33° Decl.** | | | | |
| 404 | 1847. Aug. 17 | -2.37 | 18 3 | +44.25 | -27 54 22.6 |
| 405 | 18 | -2.37 | 17 54 | -15.82 | 29 54 47.0 |
| 406 | 19 | -2.37 | 18 20 | -16.07 | 31 55 38.5 |
| 411 | Sept. 23 | -2.27 | 18 59 | -13.53 | 29 55 12.7 |
| 412 | Oct. 6 | -2.24 | 20 18 | - 7.38 | 29 55 11.1 |
| 413 | 11 | -2.22 | 19 54 | - 4.51 | 29 55 20.4 |
| | **Nachtrag I und II.** | | | | |
| 802 | 1865. April 12 | +15.28 | 9 11 | + 9.66 | - 7 21 22.5 |
| 803 | 21 | 15.30 | 9 42 | - 5.19 | - 9 23 41.6 |
| 804 | 22 | 15.31 | 9 42 | - 0.37 | -11 20 32.2 |
| 805 | Mai 2 | 15.33 | 10 38 | -11.84 | + 6 38 6.3 |
| 806 | 4 | 15.34 | 10 44 | - 1.84 | + 8 38 58.7 |
| 807 | 13 | 15.36 | 11 31 | -20.19 | + 8 36 31.7 |
| 808 | 17 | 15.36 | 11 53 | - 2.06 | + 6 37 42.6 |
| 809 | 20 | 15.38 | 12 2 | +11.11 | -11 21 57.8 |
| 816 | 1868. Mai 4 | 18.34 | 11 29 | - 4.03 | + 7 8 37.1 |
| 817 | 12 | 18.36 | 11 36 | +10.96 | + 7 7 24.4 |
| 818 | 14 | 18.37 | 11 43 | +14.68 | + 9 7 24.9 |
| 819 | 15 | 18.37 | 11 49 | +16.54 | +10 7 59.5 |
| 820 | 16 | 18.37 | 12 0 | +17.70 | -12 52 51.2 |
| 821 | 19 | 18.37 | 12 14 | +23.55 | -10 52 40.1 |
| 822 | 20 | 18.38 | 12 43 | +25.37 | - 8 50 51.6 |
| 823 | Juni 15 | 18.46 | 14 21 | + 3.17 | - 6 52 13.0 |
| 824 | 27 | 18.49 | 15 20 | +20.42 | - 8 53 44.0 |
| 825 | Juli 25 | 18.56 | 16 53 | - 0.43 | + 8 8 5.1 |
| 826 | Sept. 2 | 18.67 | 18 28 | -12.48 | + 7 8 28.6 |

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| Nummer der Zonen | Jahr und Tag | Abstand von 1850 | Reduction auf den Anfang des Jahres für Anfang der Zone | | |
|---|---|---|---|---|---|
| | | | Anfang | AR. | Declination |
| | | | h ′ | ″ | ° ′ ″ |
| 827 | 1868. Sept. 3 | +18.68 | 18 31 | -10.89 | + 5 7 9.7 |
| 828 | 4 | 18.68 | 18 32 | - 9.75 | -12 53 20.4 |
| 829 | 7 | 18.68 | 18 33 | - 5.33 | -10 53 14.8 |
| 830 | 9 | 18.69 | 18 43 | - 2.82 | - 8 52 58.4 |
| 831 | 10 | 18.70 | 18 35 | - 1.20 | - 6 53 15.6 |
| 832 | 17 | 18.72 | 18 56 | + 7.90 | + 6 8 0.7 |
| 833 | Nov. 2 | 18.84 | 20 23 | +17.51 | + 8 7 32.8 |
| 834 | 1869. April 10 | 19.27 | 9 1 | -37.32 | - 5 58 6.9 |
| 835 | 14 | 19.28 | 9 17 | -23.71 | - 5 58 13.8 |
| 835 | 14 | 19.28 | 9 52 | -23.81 | - 5 58 21.4 |
| 836 | 23 | 19.31 | 9 56 | + 4.64 | - 6 0 39.6 |
| 837 | 27 | 19.32 | 10 12 | +18.13 | - 6 0 43.3 |
| 838 | 28 | 19.32 | 10 14 | +21.45 | - 6 0 43.5 |
| 839 | 29 | 19.33 | 10 19 | -35.30 | - 6 0 42.9 |
| 840 | 30 | 19.33 | 10 21 | -32.08 | - 6 0 40.9 |
| 841 | Juli 22 | 19.56 | 16 25 | +23.12 | + 3 6 20.6 |
| 842 | 23 | 19.56 | 16 23 | +25.81 | + 5 6 0.9 |
| 843 | 30 | 19.58 | 16 43 | -16.14 | + 7 5 57.2 |
| 844 | Aug. 4 | 19.59 | 17 0 | - 4.59 | + 9 6 31.8 |
| 845 | 13 | 19.62 | 17 26 | +16.81 | - 7 15 4.6 |
| 846 | Sept. 17 | 19.72 | 18 24 | -10.17 | - 5 53 19.5 |
| 847 | 18 | 19.72 | 18 33 | - 7.34 | + 3 5 59.8 |
| 848 | 25 | 19.74 | 19 1 | +10.73 | + 5 4 1.6 |
| 849 | 27 | 19.74 | 18 52 | +16.35 | + 7 9 22.9 |
| 850 | 28 | 19.74 | 18 57 | +18.96 | + 9 10 31.6 |
| 851 | 30 | 19.75 | 18 53 | +24.22 | + 8 8 14.3 |
| 852 | 1870. Mai 27 | 20.40 | 12 52 | - 7.98 | + 6 4 25.5 |
| 853 | Juni 23 | 20.48 | 14 40 | -19.48 | + 6 14 14.8 |
| 854 | Juli 5 | 20.51 | 15 33 | -26.22 | + 8 17 28.0 |
| 855 | 15 | 20.54 | 16 2 | -33.94 | + 6 15 41.9 |
| 856 | 25 | 20.56 | 16 44 | - 1.97 | + 6 15 38.5 |

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| Nummer der Zonen | Jahr und Tag | Abstand von 1850 | Reduction auf den Anfang des Jahres für Anfang der Zone | | |
|---|---|---|---|---|---|
| | | | Anfang | AR. | Declination |
| | | | h ′ | ″ | ° ′ ″ |
| 857 | 1870 Sept. 28 | +20.74 | 19 32 | -40.70 | + 6 15 30.6 |
| 858 | 30 | 20.75 | 19 30 | -41.28 | + 8 9 39.8 |
| 859 | Oct. 1 | 20.75 | 19 36 | -41.33 | + 8 9 37.6 |
| 860 | 3 | 20.76 | 19 34 | -41.91 | + 4 12 8.3 |
| 861 | 4 | 20.76 | 19 34 | -41.93 | + 4 12 4.3 |
| 862 | 5 | 20.76 | 19 33 | -42.34 | + 2 15 36.4 |
| 863 | 1871. Mai 11 | 21.36 | 11 34 | +26.28 | + 8 14 22.2 |
| 864 | 12 | 21.36 | 11 26 | +25.85 | + 6 13 0.4 |
| 865 | 24 | 21.40 | 12 27 | +17.31 | + 4 12 29.2 |
| 866 | 25 | 21.40 | 12 35 | +16.35 | -16 43 11.6 |
| 867 | 26 | 21.40 | 12 33 | +15.58 | -15 18 3.5 |
| 868 | Juni 15 | 21.46 | 14 12 | - 4.52 | -13 49 30.6 |
| 869 | Aug. 21 | 21.64 | 17 58 | -20.13 | -11 43 16.0 |
| 869 | 21 | 21.64 | 18 18 | -20.25 | -11 43 0.4 |
| 870 | Sept. 14 | 21.70 | 18 10 | +13.25 | -11 45 44.1 |
| 871 | 15 | 21.71 | 18 13 | +12.12 | - 9 42 10.1 |
| 872 | 16 | 21.71 | 18 26 | +10.78 | - 7 41 46.3 |
| 873 | 1872. Juli 11 | 22.53 | 15 58 | - 5.99 | + 8 58 34.0 |
| 874 | 22 | 22.56 | 16 32 | -11.93 | + 7 16 9.3 |
| 875 | 23 | 22.56 | 16 32 | -12.72 | + 5 14 4.5 |
| 876 | 24 | 22.56 | 16 32 | -13.33 | + 3 15 43.5 |
| 877 | 25 | 22.56 | 16 43 | -14.01 | + 1 15 28.0 |
| 878 | 26 | 22.57 | 16 38 | -14.66 | - 0 48 14.8 |
| 879 | Aug. 16 | 22.62 | 17 45 | +21.67 | + 1 47 7.2 |
| 880 | 30 | 22.66 | 18 16 | + 2.35 | + 1 46 42.8 |
| 881 | Sept. 2 | 22.67 | 18 27 | -7.81 | + 3 31 53.2 |
| 882 | 3 | 22.68 | 18 26 | -9.36 | + 5 22 39.1 |
| 883 | 5 | 22.68 | 18 29 | -12.40 | + 7 16 22.8 |



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# Druckfehler und Berichtigungen.

Folgende tabellarische Zusammmenstellung bezieht sich nur auf die Minuten und Secunden der Retascension und Declination und zwar findet man darin die berichtigten d. h. die in den Verzeichnissen an der bezeichneten Stelle einzusetzenden Zahlen angegeben: die wenigen bei den Stunden, Graden und Präcessionen vorzunehmenden Aenderungen sind am Ende beigefügt.

| Nummer | AR. 1850 | | Declination 1850 | |
|---|---|---|---|---|
| | +15° bis +21°. | | | |
| | ′ | ″ | ′ | ″ |
| 4 | — | 51.47 | — | — |
| 71 | — | — | 8 | 12.5 |
| 81 | — | 34.23 | — | — |
| 84 | — | — | — | 18.7 |
| 94 | — | — | 28 | — |
| 109 | — | 50.46 | — | — |
| 115 | — | 27.37 | — | — |
| 119 | — | 46.98 | — | — |
| 143 | — | — | — | 13.0 |
| 163 | — | 51.17 | — | — |
| 232 | 23 | — | 23 | 56.3 |
| 266 | — | — | 46 | — |
| 282 | — | 30.03 | — | — |
| 306 | — | — | — | 26.2 |
| 391 | — | 41.38 | — | — |
| 395 | — | — | — | 33.9 |
| 400 | — | 46.01 | — | — |
| 424 | — | — | — | 27.3 |
| 425 | — | — | — | 37.5 |
| 427 | — | — | — | 11.9 |
| 429 | — | — | — | 35.5 |
| 431 | — | — | — | 16.3 |
| 437 | — | — | — | 29.5 |
| 440 | — | — | — | 24.6 |
| 450 | — | — | — | 37.7 |
| 455 | — | 18.27 | — | — |
| 457 | — | — | — | 28.4 |
| 461 | — | — | — | 29.3 |
| 469 | — | — | — | 23.8 |
| 470 | — | — | — | 54.4 |
| 489 | — | — | — | 26.6 |
| 502 | — | — | — | 38.0 |
| 513 | — | 51.92 | — | — |
| 544 | — | — | — | 43.8 |
| 524 | — | — | — | 18.6 |
| 529 | — | — | — | 24.6 |
| 536 | — | — | — | 52.2 |
| 537 | — | — | — | 54.9 |
| 669 | — | 44.49 | — | — |
| 778 | — | — | 10 | — |
| 1059 | — | — | 12 | 38.5 |
| 1067 | — | — | 35 | — |
| 1123 | — | 29.55 | — | — |
| 1264 | — | — | 16 | — |
| 1272 | — | 56.52 | — | — |
| 1315 | — | 42.74 | — | — |
| 1320 | — | — | — | 42.7 |
| 1343 | — | 37.92 | — | — |
| 1345 | — | — | 5 | — |
| 1375 | — | 27.24 | — | — |
| 1388 | — | — | 47 | — |
| 1440 | — | 54.85 | — | — |
| 1516 | — | — | 18 | — |
| 1606 | — | — | 40 | — |
| | +21° bis +24°. | | | |
| 24 | — | — | — | 23.5 |
| 64 | — | — | 5 | — |
| 78 | — | — | — | 9.2 |
| 94 | — | — | 48 | — |
| 106 | — | — | 36 | — |
| 160 | — | 58.98 | — | — |
| 274 | — | 20.66 | — | — |
| 281 | — | 11.48 | — | — |
| 324 | — | 19.20 | — | — |

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| Nummer | AR. 1850 | | Declination 1850 | |
|---|---|---|---|---|
| | ′ | ″ | ′ | ″ |
| 352 | — | 3.82 | — | — |
| 360 | — | — | — | 24.4 |
| 365 | — | — | 23 | — |
| 377 | — | — | — | 15.1 |
| 399 | — | 14.92 | — | — |
| 408 | — | 40.63 | — | — |
| 502 | 10 | — | — | — |
| 529 | — | 28.94 | — | — |
| 554 | 25 | 58.15 | — | — |
| | -15° bis -21°. | | | |
| 61 | — | — | 20 | — |
| 99 | 34 | — | — | — |
| 132 | — | 50.10 | — | — |
| 141 | — | — | 50 | — |
| 161 | — | 42.61 | — | — |
| 197 | — | — | 41 | 1.0 |
| 239 | — | — | 9 | 46.5 |
| 269 | — | — | 24 | — |
| 271 | — | — | 2 | — |
| 330 | — | — | 56 | — |
| 438 | — | — | — | 47.4 |
| 456 | — | — | 55 | 16.2 |
| 505 | — | 54.87 | — | — |
| 542 | — | — | 35 | — |
| 589 | — | — | 37 | — |
| 671 | — | — | 5 | — |
| 700 | — | — | 53 | — |
| 711 | — | 29.43 | — | — |
| 765 | — | 22.92 | — | — |

| Nummer | AR. 1850 | | Declination 1850 | |
|---|---|---|---|---|
| | ′ | ″ | ′ | ″ |
| 864 | — | 57.90 | — | — |
| 911 | — | 56.59 | — | — |
| 943 | — | — | 41 | — |
| 952 | — | — | 33 | — |
| 984 | — | — | 28 | — |
| 1119 | — | — | 52 | 4.1 |
| 1140 | — | — | — | 8.2 |
| 1184 | — | — | 27 | — |
| 1226 | — | — | 32 | — |
| 1318 | — | — | 44 | — |
| 1379 | — | — | 36 | — |
| 1385 | 11 | 50.85 | — | — |
| 1498 | — | — | 38 | — |
| 1613 | — | 18.77 | — | — |
| | -21° bis -27°. | | | |
| 167 | — | 8.63 | — | — |
| 169 | — | — | 19 | — |
| 186 | — | 16.53 | — | — |
| 187 | — | — | 34 | — |
| 203 | 57 | — | — | — |
| 233 | — | — | — | 29.4 |
| 353 | — | — | 24 | — |
| 462 | — | 34.14 | — | — |
| 620 | — | 38.93 | — | — |
| 628 | — | — | 31 | — |
| 754 | — | — | — | 26.0 |
| 824 | — | — | 34 | — |
| 843 | — | — | — | 35.4 |

| Nummer | AR. 1850 | | Declination 1850 | |
|---|---|---|---|---|
| | ′ | ″ | ′ | ″ |
| | -27° bis -33°. | | | |
| 47 | 22 | — | — | — |
| 104 | — | — | 46 | — |
| 154 | — | 31.67 | 61 | 35.2 |
| 154 | — | 40.20 | 59 | 35.7 |
| 213 | — | 6.38 | — | — |
| 297 | — | 45.52 | — | — |
| 361 | — | — | 12 | — |
| 483 | — | — | — | 30.6 |
| 517 | — | — | — | 17.5 |
| 551 | — | — | 59 | — |
| | Nachtrag I. | | | |
| 31 | — | 45.77 | — | — |
| 90 | — | 47.10 | — | — |
| 127 | — | — | — | 34.4 |
| 141 | — | 7.58 | — | — |
| 153 | — | — | 34 | — |
| 370 | — | — | 53 | — |
| 566 | — | 45.27 | — | — |
| 748 | — | 49.91 | — | — |
| 762 | — | — | 33 | — |
| 764 | — | — | 47 | — |
| 770 | — | 43.97 | — | — |
| 814 | — | 33.93 | — | — |
| 864 | — | — | — | 43.0 |
| | Nachtrag II. | | | |
| | -3° bis +3°. | | | |
| 5350 | — | — | — | +0.8 |
| 5387 | — | — | — | +2.7 |

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| Nummer | AR. 1850 | Declination 1850 | | |
|---|---|---|---|---|
| | ″ | ″ | ′ | ″ |
| 5888 | — | +04 | — | — |
| 6428 | 27.25 | — | — | — |
| | +3° bis +9°. | | | |
| 1134 | — | -- | — | -3.4 |
| 1878 | — | -04 | — | — |
| 2032 | 4.80 | +17 | — | — |
| 2307 | — | — | 57.2 | — |
| 2331 | — | — | 22.3 | — |
| 2366 | — | — | — | +2.7 |
| 2397 | 30.50 | 00 | — | — |
| 2566 | — | +1.11 | — | — |
| 2627 | — | +27 | — | — |
| 3499 | — | — | — | +3.0 |
| 3739 | — | -22 | — | — |
| 3914 | — | — | — | +2.3 |
| 4009 | — | -1.13 | — | — |
| 4371 | — | — | — | — |
| 4609 | — | — | — | — |
| 4752 | — | — | 10.2 | +0.3 |
| 5032 | — | — | 55.5 | — |
| 5059 | — | -02 | — | — |
| | -3° bis -9°. | | | |
| 718 | — | — | 11.9 | — |

| Nummer | AR. 1850 | Declination 1850 | | |
|---|---|---|---|---|
| | ″ | ″ | ″ | ″ |
| 916 | — | — | 33.7 | — |
| 934 | 9.53 | — | — | — |
| 941 | 35.23 | — | — | -5.7 |
| 958 | — | +06 | — | — |
| 1012 | — | — | — | -2.5 |
| 1036 | — | +11 | — | — |
| 1052 | — | — | — | +1.3 |
| 1092 | — | — | — | -1.4 |
| 1167 | — | — | — | +1.1 |
| 1743 | — | — | — | +0.9 |
| 1758 | — | — | — | +0.2 |
| 1990 | — | — | — | +2.3 |
| 2091 | — | -08 | — | — |
| 2161 | — | +59 | — | — |
| 2462 | — | — | — | +0.6 |
| 2694 | — | -17 | — | — |
| 2772 | — | — | — | +4.5 |
| 2775 | — | — | — | +0.1 |
| 2809 | — | — | — | +0.2 |
| 2887 | — | — | — | -2.2 |
| 2939 | — | -04 | — | — |
| 2963 | — | -10 | — | — |
| 2989 | — | +15 | — | — |
| 2995 | — | +03 | — | — |
| 3030 | — | — | — | +1.2 |

| Nummer | AR. 1850 | Declination 1850 | | |
|---|---|---|---|---|
| | ″ | ″ | ″ | ″ |
| 3128 | — | — | — | -0.6 |
| | +9° bis +15°. | | | |
| 493 | — | — | — | -10.9 |
| 495 | — | — | — | -2.2 |
| 500 | 58.65 | — | — | — |
| 671 | — | — | — | +0.1 |
| 795 | — | +01 | — | — |
| 842 | — | -02 | — | — |
| 868 | — | +15 | — | — |
| 921 | — | — | — | +1.3 |
| 1003 | — | — | — | +2.1 |
| 1212 | — | — | — | +3.3 |
| 1216 | — | +03 | — | — |
| 1252 | — | — | — | +1.7 |
| 1268 | — | — | — | +1.1 |
| 1287 | — | — | — | +1.4 |
| 1288 | — | — | — | +0.1 |
| 1308 | — | — | — | +0.4 |
| 2522 | — | — | — | +1.9 |
| 2647 | — | — | 44.3 | -11.4 |
| 2734 | — | — | — | +1.3 |
| | -9° bis -15°. | | | |
| 596 | — | — | 24.6 | — |

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## Druckfehler in den Stunden der Rectascension, in den Graden der Declination und in den Präcessionen.

Seite 80 Nro. 274 Präc. 2″,601; Decl. 22°.
98 Nro. 141 Decl. 14°.
127 Nro. 911 Präc. 6″,772.
156 Nro. 107 Decl. 26°.
Nro. 108 Decl. 24°.
160 Nro. 186 Präc. 3″,678; Decl. 25°.
161 Nro. 213 Decl. -21°. 55′.
177 Nro. 620 Präc. 3″,556; Decl. 25°.
189 Nro. 31 Decl. -27°. 54′. (unsicher).
231 Nro. 566 Präc. 3″,058.
240 Nro. 814 Präc. 3″,176.

# Berichtigungen

## zu den im V. VIII. IX. XI. XII. Supplementbande enthaltenen Sternverzeichnissen.

Bei Vergleichung der vor und nach dem Jahre 1865 beobachteten Sternpositionen (siehe oben Seite 245 bis 293) hat sich eine ziemlich grosse Anzahl von Druck- oder Rechnungsfehlern vorgefunden: als wichtig erscheint zunächst die Berichtigung der in den Secunden vorkommenden Fehler, und dazu dient folgende Zusammenstellung, wo neben der Nummer des Verzeichnisses die berichtigte Zahl angegeben ist.

### Retascensionen.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -3° bis +3°. | | | ″ | | ″ | | ″ | | ″ |
| | ″ | 2099 | 41.23 | 4216 | 54.14 | 831 | 30.57 | 3248 | 17.53 |
| 6975 | 16.76 | 2121 | 34.85 | 4378 | 8.77 | 896 | 13.80 | 3972 | 15.70 |
| 7584 | 11.40 | 2124 | 53.69 | 4674 | 27.88 | 954 | 56.80 | 4424 | 54.21 |
| | | 2196 | 50.13 | 4868 | 38.25 | 978 | 55.26 | 4561 | 48.41 |
| +3° bis +9°. | | 2203 | 23.60 | 4995 | 31.12 | 1070 | 6.19 | 4633 | 27.98 |
| 125 | 40.74 | 2214 | 50.00 | 5228 | 41.85 | 1621 | 55.45 | | |
| 530 | 46.88 | 2215 | 2.15 | 5371 | 38.90 | 1823 | 31.33 | +9°bis+15°. | |
| 901 | 32.59 | 2263 | 10.24 | 5636 | 29.49 | 1941 | 27.40 | 133 | 22.22 |
| 956 | 58.62 | 2382 | 9.12 | 6103 | 33.24 | 2027 | 37.71 | 142 | 8.69 |
| 970 | 12.86 | 2627 | 56.81 | | | 2156 | 51.59 | 148 | 12.09 |
| 1042 | 43.86 | 3523 | 39.76 | -3° bis -9°. | | 2939 | 51.05 | 372 | 10.58 |
| 1372 | 42.06 | 3689 | 29.56 | 666 | 41.54 | 3032 | 25.23 | 535 | 49.00 |
| 1791 | 18.57 | 4078 | 15.48 | 814 | 49.66 | 3119 | 40.16 | 560 | 27.55 |

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| | " | -9° bis -15°. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | " | | " | | " | | " | | " |
| 654 | 26.47 | | | 1287 | 4.81 | 2659 | 12.80 | 3714 | 37.80 |
| 782 | 25.37 | 203 | 7.50 | 1349 | 59.64 | 2745 | 27.29 | 3886 | 56.33 |
| 842 | 42.91 | 265 | 34.14 | 1694 | 8,33 | 2767 | 37.60 | 3974 | 38.43 |
| 1031 | 57.88 | 358 | 10.58 | 1835 | 1.61 | 2884 | 57.05 | 3976 | 13.90 |
| 1611 | 8.87 | 1038 | 51.04 | 1900 | 8.61 | 3122 | 46.25 | | |
| 1924 | 39.60 | 1224 | 21.21 | 2112 | 41.54 | 3179 | 44.70 | | |
| 2404 | 15.24 | 1266 | 51.45 | 2517 | 10.11 | 3561 | 14.45 | | |

## Declinationen.

| -3° bis +3°. | | | | | | +9°bis+15°. | | -9° bis -15°. | |
|---|---|---|---|---|---|---|---|---|---|
| | " | | " | | " | | " | | " |
| 5493 | 41.7 | 2382 | 3.9 | 5700 | 22.9 | | | | |
| | | 3689 | 48.7 | 5708 | 4.6 | 489 | 51.1 | 106 | 48.6 |
| +3° bis +9°. | | 3826 | 10.1 | 6010 | 7.3 | 495 | 31.2 | 594 | 32.9 |
| | | 3914 | 16.7 | | | 500 | 23.4 | 1126 | 10.2 |
| 711 | 27.1 | 4078 | 38.2 | -3° bis -9°. | | 501 | 37.6 | 1270 | 25.9 |
| 760 | 5.9 | 4118 | 45.3 | 200 | 18.0 | 503 | 28.5 | 1349 | 56.1 |
| 767 | 47.1 | 4674 | 31.3 | 333 | 31.1 | 506 | 9.7 | 1392 | 31.0 |
| 771 | 2.1 | 4685 | 39.1 | 838 | 38.7 | 509 | 25.5 | 1439 | 49.5 |
| 777 | 39.3 | 4868 | 56.8 | 892 | 31.7 | 512 | 53.0 | 1935 | 35.1 |
| 803 | 21.6 | 4995 | 17.6 | 1218 | 43.3 | 524 | 50.8 | 2038 | 27.3 |
| 849 | 43.9 | 5310 | 9.9 | 1754 | 40.8 | 527 | 2.8 | 2258 | 36.7 |
| 901 | 18.3 | 5311 | 22.2 | 1761 | 13.4 | 528 | 53.8 | 2348 | 33.7 |
| 914 | 4.6 | 5312 | 44.3 | 1834 | 22.0 | 535 | 38.1 | 2796 | 9.9 |
| 1110 | 22.4 | 5315 | 38.3 | 1911 | 49.8 | 563 | 15.4 | 3479 | 41.5 |
| 1185 | 40.3 | 5329 | 11.4 | 3128 | 7.6 | 1295 | 31.4 | 3622 | 15.0 |
| 1523 | 45.1 | 5636 | 33.6 | 4469 | 44.8 | | | 3734 | 16.6 |
| 2263 | 8.3 | 5671 | 52.2 | | | | | 3775 | 30.3 |

## An den Minuten sind folgende Aenderungen vorzunehmen:

### in Rectascension.

-3° bis + 3° . . . -1' Nro. 4137.

+3° bis + 9° . . . +1' Nro. 1612, 3643, 4767; . . . -1' Nro. 603, 834, 849, 1037, 2297, 2469; . . . +9' Nro. 3897; . . . +10' Nro. 5407.

-3° bis - 9° . . . +1' Nro. 1040, 2412, 3295; . . . -1' Nro. 90, 534, 1021.

+9° bis +15° . . . +1' Nro. 1006; . . . -1' Nro. 331, 947, 1031.

-9° bis -15° . . . +1' Nro. 1349, 1541.

### in Declination.

-3° bis + 3° . . . +2' Nro. 4455, 5671; . . . -1' Nro. 5739, 7668.

+3° bis + 9° . . . +1' Nro. 791, 1818; . . . -1' Nro. 767, 849, 1109, 1603, 2300, 2728, 3465, 5108; . . . +2' Nro. 1568; . . . -2' Nro. 4266; . .

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+10′ Nro. 652, 5155; . . . -10′ Nro. 269, 2818; . . . -27 Nro. 5175; . . . -30′ Nro. 136.

-3° bis - 9° . . . +1′ Nro. 882, 1001, 1007, 1003, 1736, 2120, 2462, 2953, 2963, 3015, 3030, 4424; . . . -1′ Nro. 200, 709, 808, 828, 1008, 1820, 2697, 2751, 2780, 2794, 2796, 2831, 2924, 2932, 2939, 3035, 3128, 3172, 3181, 3246, 3281, 3362, 4533; . . . +3′ Nro. 1009; . . . +5′ Nro. 3240; . . . -10′ Nro. 1057, 1154; . . . -18′ Nro. 996; . . . +20′ Nro. 1913; . . . -20′ Nro. 2020, 3308; . . . -46′ Nro. 983.

+9° bis +15° . . . -1′ Nro. 81, 489, 512, 513, 528, 774; . . . +4′ Nro. 2705; . . . -8′ Nro. 778.

-9° bis -15° . . . +1′ Nro. 123, 617, 623, 709, 954, 999, 1384, 1385, 1757, 1804, 1811, 2640, 2967, 3375, 3413, 3415, 3712, 3964; . . . -1′ Nro. 262, 2248, 2253, 2992, 3075, 3159, 3246, 3622, 3625, 3960, 4032; . . . -2′ Nro. 1815, 3173; . . . +5′ Nro. 1261; . . . +10′ Nro. 512, 2306; . . . -10′ Nro. 1667; . . . -17′ Nro. 3766, . . . -49′ Nro. 2812.

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